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AIR PURIFIER

OVERVIEW

Laboratory air purifiers use primary and HEPA filters with 99.99 % efficiency at 0.3 µm and integrated germicidal UV lamps to remove particulates and microorganisms. Units feature compact enclosures and are designed to provide clean air for sensitive workstations.

Highlights

- HEPA filtration
- 99.99 % efficiency
- Germicidal UV
- Compact enclosure

For Detailed Technical Info & Accessories

Scan to view detailed technical information & accessories, or visit the link below.

CATALOG LINK

https://biolabscientific.com/content/catalogs/6210-Catalog-Biolab.pdf

Air Purifier Series 100

Specification	Air Purifier SKU: BAIP-401
External Size(W*D*H)	900*120*1500mm
Filter	Primary Filter, HEPA filter
HEPA Filter	99.99% efficiency at 0.3µm
UV Lamp	Germicidal UV lamp, Emission of 253.7 nanometers for most efficient decontamination
Optimal Space	≤20m²



Air Purifier
SKU: BAIP-401

AIR PROTECTION

AIR SHOWER

OVERVIEW

Air shower cabinets remove surface contaminants from personnel and materials entering controlled environments. These units offer high-velocity air jets (around 25 m/s), high-efficiency HEPA filtration (99.995 %) and varying chamber sizes to suit different cleanroom entry points.

Highlights

- 25 m/s air jets
- 99.995 % HEPA
- Variable sizes
- Cleanroom entry

For Detailed Technical Info & Accessories

Scan to view detailed technical information & accessories, or visit the link below.

CATALOG LINK

https://biolabscientific.com/content/catalogs/6209-Catalog-Biolab.pdf

Air Shower Series 100

Specification	Air Shower SKU: BASB-101	Air Shower SKU: BASB-102	Air Shower SKU: BASB-103
External Size(W*D*H)	1300*1000*2050mm	1500*1000*2050mm	1500*2000*2050mm
Internal Size(W*D*H)	800*900*1930mm	800*900*1930mm	800*1900*1930mm
HEPA Filter	99.995% efficiency at 0.3μm	99.995% efficiency at 0.3μm	99.995% efficiency at 0.3μm
Spraying Wind Speed	25m/s	25m/s	25m/s
Air Shower Time	0~99s(adjustable)	0~99s(adjustable)	0~99s(adjustable)



Air Shower
SKU: BASB-101



Air Shower
SKU: BASB-102



Air Shower
SKU: BASB-103

AIR PROTECTION

ANIMAL CAGE CHANGING STATION

OVERVIEW

Animal cage changing stations create a controlled laminar airflow environment for safe transfer and handling of laboratory animals. The BDL-6401 model operates on standard AC power and provides a spacious 1015×750×585 mm working area with laminar flow velocity of at least 0.35 m/s in a large yet manageable footprint.

Highlights

- ≥0.35 m/s airflow
- AC220V/110V power
- 1015×750×585 mm work area
- 1580×750×1980 mm footprint

For Detailed Technical Info & Accessories

Scan to view detailed technical information & accessories, or visit the link below.

CATALOG LINK

https://biolabscientific.com/content/catalogs/6211-Catalog-Biolab.pdf

Animal Cage Changing Station Series 100

Specification	Animal Cage Changing Station SKU: BDL-6401
Power Supply	AC220V±10%, 50/60Hz(Standard) AC110V, 60Hz(Optional)
Instrument Size(L*D*H)	1580*750*1980mm
Operating Area Size(L*D*H)	1015*750*585mm
Laminar Airflow Velocity	≥0.35m/s
Noise	≤65dB(A)



Animal Cage Changing Station

SKU: BDL-6401

AIR PROTECTION

ANIMAL WASTE WORKSTATION

OVERVIEW

Animal waste workstations provide laminar flow containment to protect personnel during disposal of animal litter. The BDL-6501 unit runs on standard AC power and features a 1000×600×660 mm operating area with laminar airflow velocity of ≥0.35 m/s, all within a compact 1100×700×1920 mm enclosure.

Highlights

- ≥0.35 m/s airflow
- AC220V/110V power
- 1000×600×660 mm work area
- 1100×700×1920 mm footprint

For Detailed Technical Info & Accessories

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CATALOG LINK

https://biolabscientific.com/content/catalogs/6212-Catalog-Biolab.pdf

Animal Waste Workstation Series 100

Specification	Animal Waste Workstation SKU: BDL-6501
Power Supply	AC220V, 50Hz(Standard); AC110V, 60Hz(Optional)
Instrument Size(L*D*H)	1100*700*1920mm
Operating Area Size(L*D*H)	1000*600*660mm
Laminar Airflow Velocity	≥0.35m/s
Noise	≤65dB(A)



Animal Waste Workstation
SKU: BDL-6501

AIR PROTECTION

BIOLOGICAL ISOLATION CHAMBER

OVERVIEW

Portable biological isolation chambers create a sealed environment for patient transport, incorporating multiple HEPA filters with 99.999 % efficiency at 0.3 µm, integrated ventilation and transparent enclosures. Unfolded dimensions reach around 1.9 m length with width and height varying by model

Highlights

- Sealed transport enclosure
- Triple HEPA filtration
- Integrated ventilation
- Portable design

For Detailed Technical Info & Accessories

Scan to view detailed technical information & accessories, or visit the link below.

CATALOG LINK

https://biolabscientific.com/content/catalogs/6213-Catalog-Biolab.pdf

Biological Isolation Chamber Series 100

Specification	Biological Isolation Chamber SKU: BDL-6001	Biological Isolation Chamber SKU: BDL-6002
Unfolded Size (L*W*H)	1900*560*500mm	1900*680*500mm
HEPA Filter	3pcs, 99.999% efficiency for 0.3µm particles	3pcs, 99.999% efficiency for 0.3µm particles
Ventilation	≥50L/min	≥50L/min
Chamber Noise	≤65dB(A)	≤65dB(A)
Alarm	Audio and visual alarm for internal pressure insufficient and low power	Audio and visual alarm for internal pressure insufficient and low power



Biological Isolation Chamber
SKU: BDL-6001



Biological Isolation Chamber
SKU: BDL-6002

AIR PROTECTION

CHICKEN ISOLATOR

OVERVIEW

Chicken isolators provide controlled, enclosed environments for avian research, featuring separate animal activity and waste collection areas and an adjustable temperature–humidity range of 10–50 °C. The LED control panel manages fluorescent, UV and heating lamps and ventilation fans within the spacious enclosure

Highlights

- Separate activity and waste areas
- Adjustable 10–50 °C climate
- Integrated lighting and UV
- LED control display

For Detailed Technical Info & Accessories

Scan to view detailed technical information & accessories, or visit the link below.

CATALOG LINK

https://biolabscientific.com/content/catalogs/6214-Catalog-Biolab.pdf

Chicken Isolator Series 100

Specification	Chicken Isolator SKU: BDL-5901
External Size (W*D*H)	2200*850*1800mm
Animal Activity Area(W*D*H)	1600*750*820mm
Waste Collection Area(W*D*H)	1600*750*250mm
Display	LED display:temperature,humidity adjustable(10-50°C), with fluorescent lamp, UV lamp,heating lamp ,fan button
Air Change Rate	≥20 times/h



Chicken Isolator
SKU: BDL-5901

DISPENSING BOOTH

OVERVIEW

Dispensing booths are partial purifying enclosures for weighing, sampling and filling powdery materials. They achieve ISO 5/Class 100 air quality using multi-stage filters including HEPA (99.995 % at 0.3 µm) and down-draught airflow with adjustable air volume, stainless-steel construction and built-in UV lighting for safe, clean handling.

Highlights

- ISO 5 clean level
- HEPA down-flow filtration
- Adjustable air volume
- Stainless construction

For Detailed Technical Info & Accessories

Scan to view detailed technical information & accessories, or visit the link below.

CATALOG LINK

https://biolabscientific.com/content/catalogs/6201-Catalog-Biolab.pdf

Dispensing Booth Series 100

Specification	Dispensing Booth SKU: BAIP-101	Dispensing Booth SKU: BAIP-103	Dispensing Booth SKU: BAIP-105
Clean Level	ISO 5 (Class 100), Class A	ISO 5 (Class 100), Class A	ISO 5 (Class 100), Class A
HEPA Filters	99.995% efficiency at 0.3µm	99.995% efficiency at 0.3µm	99.995% efficiency at 0.3µm
Air volume	Supply air volume: ≤7500m³/h, Exhaust air volume: ≤2250m³/h, Adjustable	Supply air volume: ≤7500m³/h, Exhaust air volume: ≤2250m³/h, Adjustable	Supply air volume: ≤7500m³/h, Exhaust air volume: ≤2250m³/h, Adjustable
Material	Fully stainless steel	Fully stainless steel	Fully stainless steel
Air Velocity	0.3~0.6m/s, adjustable	0.3~0.6m/s, adjustable	0.3~0.6m/s, adjustable



Dispensing Booth
SKU: BAIP-101



Dispensing Booth
SKU: BAIP-103



Dispensing Booth
SKU: BAIP-105

AIR PROTECTION

HEPA FILTERED CLEAN BOOTHS

OVERVIEW

HEPA filtered clean booths provide localized clean environments using downflow laminar airflow and high-efficiency HEPA filters with 99.995% capture at 0.3 µm. Models offer varied internal and external dimensions and power consumption to accommodate different workspace sizes.

Highlights

- Downflow clean booths
- 99.995% HEPA efficiency
- Varied booth dimensions
- Localized clean environment

For Detailed Technical Info & Accessories

Scan to view detailed technical information & accessories, or visit the link below.

CATALOG LINK

https://biolabscientific.com/content/catalogs/6202-Catalog-Biolab.pdf

HEPA Filtered Clean Booths Series 100

Specification	HEPA Filtered Clean Booths SKU: BAIP-201	HEPA Filtered Clean Booths SKU: BAIP-202	HEPA Filtered Clean Booths SKU: BAIP-203	HEPA Filtered Clean Booths SKU: BAIP-204
External Size (W*D*H)	2000*1500*2530mm	3000*2000*2530mm	4000*3000*2530mm	5000*5000*2530mm
Internal Size (W*D*H)	1920*1380*2140mm	2920*1880*2115mm	3880*2880*2095mm	4880*4880*2095mm
HEPA Filter	99.995% efficiency at 0.3µm	99.995% efficiency at 0.3µm	99.995% efficiency at 0.3µm	99.995% efficiency at 0.3µm
Consumption	800W	1500W	2800W	5500W
FFU Nos.	4pcs	6pcs	12pcs	25pcs



HEPA Filtered Clean Booths
SKU: BAIP-201



HEPA Filtered Clean Booths
SKU: BAIP-202



HEPA Filtered Clean Booths
SKU: BAIP-203



HEPA Filtered Clean Booths
SKU: BAIP-204

AIR PROTECTION

LASER DUST PARTICLE COUNTER

OVERVIEW

Laser particle counters sample air through an integrated pump and use a semiconductor laser to detect and size particles across multiple channels. They feature a 7-inch touch screen, built-in thermal printer, large data memory and options for USB or wireless data export.

Highlights

- Touch-screen interface
- Multiple particle channels
- Built-in thermal printer
- Data storage and export

For Detailed Technical Info & Accessories

Scan to view detailed technical information & accessories, or visit the link below.

CATALOG LINK

https://biolabscientific.com/content/catalogs/6215-Catalog-Biolab.pdf

Laser Dust Particle Counter Series 100

Specification	Laser Dust Particle Counter SKU: BDL-2201	Laser Dust Particle Counter SKU: BDL-2301
Dimension	220*280*185mm	220*350*260mm
Sampling Volume	2.83L/min (0. 1cfm/min)	28.3L/min(1cfm/min)
Ambient Temperature	10~35°C	10~35°C
Ambient Relative Humidity	≤75%	≤75%
Power	100W	150W



Laser Dust Particle Counter
SKU: BDL-2201



Laser Dust Particle Counter
SKU: BDL-2301

AIR PROTECTION

OZONE UV STERILIZATION CABINET

OVERVIEW

Ozone UV sterilization cabinets disinfect items that cannot tolerate high temperatures. Human-centred designs feature adjustable shelves and automatic PID control of sterilization time. Ozone and UV lamps provide thorough 360-degree sterilization, while 304 stainless interiors ensure durability.

Highlights

- Ozone + UV sterilization
- Adjustable shelves
- Automatic control
- Durable stainless interior

For Detailed Technical Info & Accessories

Scan to view detailed technical information & accessories, or visit the link below.

CATALOG LINK

https://biolabscientific.com/content/catalogs/6205-Catalog-Biolab.pdf

Ozone UV Sterilization Cabinet Series 100

Specification	Ozone UV Sterilization Cabinet SKU: BAIP-601	Ozone UV Sterilization Cabinet SKU: BAIP-602
Capacity	70L	90L
Sterilization Method	Ozone+UV lamp	Ozone+UV lamp
Ozone Concentration	620mg/m³	620mg/m³
Ozone Leakage	≤0.1mg/m³	≤0.1mg/m³
Indicator Bacteria	Staphylococcus aureus, candida albicans, pseudomonas aeruginosa, natural bacteria	Staphylococcus aureus, candida albicans, pseudomonas aeruginosa, natural bacteria



Ozone UV Sterilization Cabinet
SKU: BAIP-601



Ozone UV Sterilization Cabinet
SKU: BAIP-602

PASS BOX

OVERVIEW

Pass boxes enable safe transfer of materials between cleanrooms. Offered in standard and air-shower versions, they feature 304-stainless-steel construction with various internal and external dimensions and smooth surfaces to minimize contamination.

Highlights

- 304 stainless steel
- Multiple size options
- Air-shower models
- Contamination control

For Detailed Technical Info & Accessories

Scan to view detailed technical information & accessories, or visit the link below.

CATALOG LINK

https://biolabscientific.com/content/catalogs/6208-Catalog-Biolab.pdf

Pass Box Series 100

TABLE 1 OF 2

Specification	Pass Box SKU: BAPB-101	Pass Box SKU: BAPB-102	Pass Box SKU: BAPB-103	Pass Box SKU: BSPB-101	Pass Box SKU: BSPB-102
Type	Air Shower Pass Box	Air Shower Pass Box	Air Shower Pass Box	Pass Box	Pass Box
External Size(W*D*H)mm	660*570*1000	760*670*1100	860*770*1200	660*570*580	760*670*680
Internal Size(W*D*H)mm	500*500*500	600*600*600	700*700*700	500*500*500	600*600*600
Material	304Stainless steel	304Stainless steel	304Stainless steel	304Stainless steel	304Stainless steel
Interlock	Electronical	Electronical	Electronical	Electronical	Electronical



Pass Box
SKU: BAPB-101



Pass Box
SKU: BAPB-102



Pass Box
SKU: BAPB-103



Pass Box
SKU: BSPB-101



Pass Box
SKU: BSPB-102

Pass Box Series 100

TABLE 2 OF 2

Specification	Pass Box SKU: BSPB-103
Type	Pass Box
External Size(W*D*H)mm	860*770*780
Internal Size(W*D*H)mm	700*700*700
Material	304Stainless steel
Interlock	Electronical



Pass Box
SKU: BSPB-103

AIR PROTECTION

PATHOLOGY WORKSTATION

OVERVIEW

These pathology workstations provide ventilated work surfaces for grossing specimens. External sizes from 1.0 to 1.8 m and adjustable work-surface height promote ergonomic operation; models with laminar flow supply top air and bottom exhaust for clean working conditions.

Highlights

- Ventilated work area
- Adjustable height
- Spacious surface options
- Laminar flow design

For Detailed Technical Info & Accessories

Scan to view detailed technical information & accessories, or visit the link below.

CATALOG LINK

https://biolabscientific.com/content/catalogs/6203-Catalog-Biolab.pdf

Pathology Workstation Series 100

Specification	Pathology Workstation SKU: BAIP-301	Pathology Workstation SKU: BAIP-302	Pathology Workstation SKU: BAIP-303
External Size(W*D*H)	1000*750*1950mm	1500*750*1950mm	1800*750*1950mm
Working Area Size(W*D)	895*430mm	1395*430mm	1695*430mm
Work Surface Height	850mm	850mm	850mm
Consumption	300w	300w	300w
Power Supply	AC220V±10%, 50/60Hz; 110V±10%, 60Hz	AC220V±10%, 50/60Hz; 110V±10%, 60Hz	AC220V±10%, 50/60Hz; 110V±10%, 60Hz



Pathology Workstation
SKU: BAIP-301



Pathology Workstation
SKU: BAIP-302



Pathology Workstation
SKU: BAIP-303

Pathology Workstation Series 100

Specification	Pathology Workstation SKU: BDL-5801
External Size	1800*800*2000mm
Operating Table Size	1455*490mm
Operating Table Adjustable Height	800-950mm
Airflow Pattern	Top air supply and bottom exhaust
Standard Function	Table lifting, formaldehyde filling device



Pathology Workstation
SKU: BDL-5801

AIR PROTECTION

PP REAGENT CABINET

OVERVIEW

The PP reagent cabinet offers ventilated storage for reagents and medicines. Made of polypropylene, it operates on AC110/220V ±10% and features a 900×450×1800 mm exterior with adjustable shelving to safely organize chemicals.

Highlights

- Ventilated polypropylene design
- AC110/220 V ±10%
- 900×450×1800 mm size
- Chemical storage safety

For Detailed Technical Info & Accessories

Scan to view detailed technical information & accessories, or visit the link below.

CATALOG LINK

https://biolabscientific.com/content/catalogs/6204-Catalog-Biolab.pdf

PP Reagent Cabinet Series 100

Specification	PP Reagent Cabinet SKU: BAIP-501
Power Supply	AC110/220V±10%, 50/60Hz
External Size (W*D*H)	900*450*1800mm (can be customized according to customer needs)
Package Size (W*D*H)	985*535*1915mm
Gross Weight	72kg



PP Reagent Cabinet
SKU: BAIP-501

AIR PROTECTION

UV STERILIZATION CABINET

OVERVIEW

UV sterilization cabinets with 200 L capacity disinfect laboratory items using UVC lamps, with or without ozone. Models emit 253.7 nm or 253.7/184.9 nm wavelengths and provide two- or three-sided exposure to UV and ozone for thorough sterilization.

Highlights

- 200 L capacity
- UVC plus ozone
- 253.7 nm wavelength
- Multi-side sterilization

For Detailed Technical Info & Accessories

Scan to view detailed technical information & accessories, or visit the link below.

CATALOG LINK

https://biolabscientific.com/content/catalogs/6206-Catalog-Biolab.pdf

UV Sterilization Cabinet Series 100

Specification	UV Sterilization Cabinet SKU: BAIP-701	UV Sterilization Cabinet SKU: BAIP-702
Capacity	200L	200L
Type	With ozone	Without ozone
UV Ray Wavelength	253.7/184.9nm	253.7nm
Sterilization Way	2 sides of UV ray+1 side of ozone	3 sides of UVC UV ray
UV Lamp Material	Quartz glass	Quartz glass



UV Sterilization Cabinet
SKU: BAIP-701



UV Sterilization Cabinet
SKU: BAIP-702

ANALYZER

AUTO CHEMISTRY ANALYZER

OVERVIEW

Auto chemistry analyzers automate clinical chemistry tests using end-point, fixed-time and kinetic methods for serum, plasma, urine and other samples. Models offer incubated reaction positions, optional barcode sample loading and throughput ranging from about 200 to 800 tests per hour.

Highlights

- 200–800 tests/hour
- Serum/plasma/urine
- End-point & kinetic
- Barcode sample option

For Detailed Technical Info & Accessories

Scan to view detailed technical information & accessories, or visit the link below.

CATALOG LINK

https://biolabscientific.com/content/catalogs/1108-Catalog-Biolab.pdf

Auto Chemistry Analyzer Series 100

Specification	Auto Chemistry Analyzer SKU: BANA-801	Auto Chemistry Analyzer SKU: BANA-802
Throughput	200 tests/hour	200 tests/hour
Analysis Method	End-point, Fixed-time, Rate(Kinetic), Turbidimetry	End-point, Fixed-time, Rate(Kinetic), Turbidimetry
Certificates	CE, FDA, ISO9001, ISO13485	CE, FDA, ISO9001, ISO13485
Sample Positions	37 sample positions	49 sample positions
Reagent Positions	28 reagent positions	56 reagent positions



Auto Chemistry Analyzer
SKU: BANA-801



Auto Chemistry Analyzer
SKU: BANA-802

Auto Chemistry Analyzer Series 100

Specification	Auto Chemistry Analyzer SKU: BANA-803	Auto Chemistry Analyzer SKU: BANA-804
Throughput	400 tests/hour	600 tests/hour
Analysis Method	End-point, Fixed-time, Rate(Kinetic), Turbidimetry	End-point, Fixed-time, Rate(Kinetic), Turbidimetry
Certification	CE, FDA, ISO9001, ISO13485	CE, FDA, ISO9001, ISO13485
Sample Positions	60 or 90 sample positions, built-in barcode system available	90 sample positions, built-in barcode system available
Reagent Positions	90 refrigerated reagent positions	180 refrigerated reagent positions (R1: 90 & R2: 90)



Auto Chemistry Analyzer
SKU: BANA-803



Auto Chemistry Analyzer
SKU: BANA-804

Auto Chemistry Analyzer Series 100

Specification	Auto Chemistry Analyzer SKU: BANA-805
--Throughput	800 Tests/hour, 1200 Tests/hour with ISE (Optional)
--Analysis Method	End-point, Fixed-time, Rate (Kinetic)
--Certificates	CE, FDA, ISO9001, ISO13485
--Sample Positions	150 sample positions
--Reagent Positions	180 reagent positions



Auto Chemistry Analyzer
SKU: BANA-805

Auto Chemistry Analyzer Series 100

Specification	Auto Chemistry Analyzer SKU: BANA-806
Sample Type	Serum, Plasma, Urine, Cerebrospinal fluid, etc
Analytical Method	End point method, Fixed time method(two-point method), Dynamic method(rate method)
Incubating Positions	20 incubating positions
Incubator Temperature	R.T. 25°C, 30°C, 37°C, four temperature options
Cuvette	Flow through a direct-reading cuvette



Auto Chemistry Analyzer
SKU: BANA-806

ANALYZER

BOD ANALYZER

OVERVIEW

The BOD analyzer measures biochemical oxygen demand in water samples across a 0–4 000 mg/L range. It meets BOD_5 accuracy standards, supports test durations from 1 to 30 days and processes up to six samples concurrently for routine water quality monitoring

Highlights

- 0–4 000 mg/L range
- BOD_5-standard accuracy
- 1–30 day test cycle
- Six-sample capacity

For Detailed Technical Info & Accessories

Scan to view detailed technical information & accessories, or visit the link below.

CATALOG LINK

https://biolabscientific.com/content/catalogs/1115-Catalog-Biolab.pdf

BOD Analyzer Series 100

Specification	BOD Analyzer SKU: BFU-1701
Test Range	0-4000 mg/L
Test Error	It meets the accuracy testing standard for water quality BOD5 (glucose glutamic acid standard solution BOD5=180-230mg/L)
Test Duration	1-30 days
Test Quantity	≤ 6 pieces
Recording Interval	24 minutes -12 hours/time



BOD Analyzer
SKU: BFU-1701

ANALYZER

COD ANALYZER

OVERVIEW

COD analyzers determine chemical oxygen demand via rapid digestion spectrophotometry. Instruments measure concentrations from 10 to 10 000 mg/L with 0.01 resolution and accuracy within ±5 %, providing straightforward assessment of wastewater and industrial effluents.

Highlights

- Rapid digestion method
- 10–10 000 mg/L range
- ±5 % accuracy
- 0.01 reading resolution

For Detailed Technical Info & Accessories

Scan to view detailed technical information & accessories, or visit the link below.

CATALOG LINK

https://biolabscientific.com/content/catalogs/1116-Catalog-Biolab.pdf

COD Analyzer Series 100

Specification	COD Analyzer SKU: BFU-1901
Measurement Method	Fast digestion spectrophotometry
Measuring Range	10-10000mg/L
Accuracy	≤5%
Resolution	0.01
Light Source	Imported Silicon Photodiode



COD Analyzer
SKU: BFU-1901

ANALYZER

DIFFERENTIAL THERMAL ANALYZER

OVERVIEW

Differential thermal analyzers determine thermal transitions by measuring the temperature difference between sample and reference. Instruments cover ambient to about 1150 °C with heating rates from 0.1–80 °C/min, precision ±0.1 µV and 0.1 °C resolution. They employ programmable controllers, Ni-Cr sensors and touchscreen interfaces for data acquisition.

Highlights

- Up to 1150 °C
- 0.1 °C resolution
- Programmable controller
- Touchscreen display

For Detailed Technical Info & Accessories

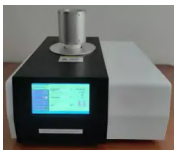
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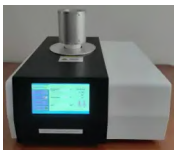
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Differential Thermal Analyzer Series 100

Specification	Differential Thermal Analyzer SKU: BANA-101	Differential Thermal Analyzer SKU: BANA-102
Temperature range	Room temperature ~ 1150°C	Room temperature ~ 1500°C
Measuring range	0 ~ ±2000 µV	0 ~ ±2000 µV
DTA precision	±0.1 µV	±0.1 µV
Heating rate	0.1 ~ 80°C/min	0.1 ~ 80°C/min
Temperature resolution	0.1°C	0.1°C



Differential Thermal Analyzer
SKU: BANA-101



Differential Thermal Analyzer
SKU: BANA-102

ANALYZER

ELECTROLYTE ANALYZER

OVERVIEW

Electrolyte analyzers use ion-selective electrodes to measure sodium, potassium, chloride, calcium and pH in serum, plasma, whole blood or urine. They deliver results in under one minute using small sample volumes and automatic calibration, with built-in printers and auto-sampling turntables.

Highlights

- Ion-selective electrodes
- Rapid results
- Low sample volume
- Automatic calibration

For Detailed Technical Info & Accessories

Scan to view detailed technical information & accessories, or visit the link below.

CATALOG LINK

https://biolabscientific.com/content/catalogs/1102-Catalog-Biolab.pdf

Electrolyte Analyzer Series 100

Specification	Electrolyte Analyzer SKU: BANA-201	Electrolyte Analyzer SKU: BANA-202	Electrolyte Analyzer SKU: BANA-203	Electrolyte Analyzer SKU: BHG-101
Type	Semi-automatic	Automatic	Semi-automatic	Automatic
Test Items	K, Na, Cl, Ca, pH	K, Na, Cl, Ca, pH, TCO2	K, Na, Cl	K, Na, Cl, Ca, pH
Test Method	ISE Direct Method	ISE Direct Method	ISE Direct Method	ISE Direct Method
Test Time	≤60S	≤60S	≤60S	≤60S
Sample Types	Serum, Plasma, Whole Blood, Ncurolmyph and diluted urine	Serum, Plasma, Whole Blood, Nycrolumph and diluted urine	Serum, Plasma, Whole Blood, Nycrolumph and diluted urine	Serum, Plasma, Whole Blood, Nycrolumph and diluted urine



Electrolyte Analyzer
SKU: BANA-201



Electrolyte Analyzer
SKU: BANA-202



Electrolyte Analyzer
SKU: BANA-203



Electrolyte Analyzer
SKU: BHG-101

ANALYZER

ESR ANALYZER

OVERVIEW

Automatic ESR analyzers monitor erythrocyte sedimentation using infrared detection. They accommodate up to 40 tubes and process about 80 samples per hour with random access. A 7-inch touch-screen interface, built-in thermal printer and automatic temperature compensation streamline testing in laboratories and clinics.

Highlights

- Infrared detection
- 80 samples per hour
- Random access loading
- Touch-screen display

For Detailed Technical Info & Accessories

Scan to view detailed technical information & accessories, or visit the link below.

CATALOG LINK

https://biolabscientific.com/content/catalogs/1113-Catalog-Biolab.pdf

ESR Analyzer Series 100

Specification	ESR Analyzer SKU: BANA-1400
Application	Erythrocyte sedimentation rate analysis
Measurement Method	Infrared detection
Analysis Result	Westergren ESR value(mm/hour)
Throughput	Maximum 80 tests/hour
Analysis Channels	40 (load up to 40 samples for analysis at the same time)



ESR Analyzer
SKU: BANA-1400

ANALYZER

FLUORESCENCE IMMUNOASSAY ANALYZER

OVERVIEW

Fluorescence immunoassay analyzers use LED excitation and emission detection to measure biomarkers in serum, plasma, whole blood or urine. Compact instruments with touchscreens deliver quick tests (under 10 seconds), support multiple incubation channels, and integrate built-in printing and LIS/HIS connectivity.

Highlights

- LED-based detection
- Rapid results
- Multiple channels
- Connectivity & printing

For Detailed Technical Info & Accessories

Scan to view detailed technical information & accessories, or visit the link below.

CATALOG LINK

https://biolabscientific.com/content/catalogs/1111-Catalog-Biolab.pdf

Fluorescence Immunoassay Analyzer Series 100

Specification	Fluorescence Immunoassay Analyzer SKU: BANA-1202
Excitation Light Source	LED
Wavelength	Excitation wavelength λ0=365nm; Detection wavelength λ1=615nm
Detection Channel	1
Sample Type	Serum, plasma, whole blood and urine, etc
Detection Mode	Supports multiple items in one card



Fluorescence Immunoassay Analyzer

SKU: BANA-1202

Fluorescence Immunoassay Analyzer Series 100

Specification	Fluorescence Immunoassay Analyzer SKU: BANA-1203	Fluorescence Immunoassay Analyzer SKU: BDL-12301
Excitation Light Source	LED	LED
Wavelength	Excitation wavelength λ0=365nm; Detection wavelength λ1=615nm	Excitation wavelength λ0=365nm; Detection wavelength λ1=615nm
Detection Channel	1	1
Incubation Position	12	10
Sample Type	Serum, plasma, whole blood and urine, etc	Serum, plasma, whole blood and urine, etc.



Fluorescence Immunoassay Analyzer
SKU: BANA-1203



Fluorescence Immunoassay Analyzer
SKU: BDL-12301

ANALYZER

HEMATOLOGY ANALYZER

OVERVIEW

Auto hematology analyzers perform five-part differential blood counts using laser scatter and impedance methods. They deliver around 60 tests per hour, measure up to 29 parameters with 3D scattergrams, use cyanide-free hemoglobin reagents and accept venous, capillary or prediluted samples with minimal volume.

Highlights

- Five-part differential
- 60 tests per hour
- Laser scatter technology
- Cyanide-free reagents

For Detailed Technical Info & Accessories

Scan to view detailed technical information & accessories, or visit the link below.

CATALOG LINK

https://biolabscientific.com/content/catalogs/1103-Catalog-Biolab.pdf

Hematology Analyzer Series 100

Specification	Hematology Analyzer SKU: BDL-6701
Throughput	60 Tests/hour
Assay Items	5 parts, 29 parameters, 3 histograms, 3D scattergram
Principle	Tri-angle laser scatter, Flow cytometry method, 3D scattergram analysis, Impedance method for RBC and PLT counting, Cyanide free reagent for HGB test
Test Mode	CBC mode, CBC+DIFF mode Venous whole blood, Capillary whole blood and Prediluted
Parameters	WBC, RBC, HGB, HCT, MCV, MCH, MCHC, RDW-SD, RDW-CV, PLT, MPV, PCT, PDW, P-LCR, P-LCC, NEU%, LYM%, MON%, EO%, BAS%, NEU#, LYM#, MON#, EOS#, BAS#



Hematology Analyzer
SKU: BDL-6701

Hematology Analyzer Series 100

Specification	Hematology Analyzer SKU: BDL-6801
Throughput	60 Tests/hour
Sample Profile	Dog, cat, horse, sheep, goat, camel, cow; more species coming soon
Assay Items	5 parts, 25 parameters, 3 histograms, 3D scattergram
Principle	Tri-angle laser scatter, Flow cytometry method, 3D scattergram analysis, Impedance method for RBC and PLT counting, Cyanide-free method for HGB test
Test Mode	CBC mode, CBC+DIFF mode



Hematology Analyzer
SKU: BDL-6801

ANALYZER

IR CARBON SULFUR ANALYZER

OVERVIEW

Infrared carbon and sulfur analyzers use a high-frequency induction furnace and infrared detection to measure carbon and sulfur content over wide concentration ranges. Bench-top and vertical systems with separate detection pools provide accurate, rapid analysis for metals, ores and other materials.

Highlights

- High-frequency induction
- Infrared detection
- Wide C/S range
- Separate detection pools

For Detailed Technical Info & Accessories

Scan to view detailed technical information & accessories, or visit the link below.

CATALOG LINK

https://biolabscientific.com/content/catalogs/1104-Catalog-Biolab.pdf

IR Carbon Sulfur Analyzer Series 100

Specification	IR Carbon Sulfur Analyzer SKU: BANA-401	IR Carbon Sulfur Analyzer SKU: BANA-402
Appearances	Bench type detector with bench type high-frequency oven for space saving.	The operating table design, matching vertical high-frequency furnace is beautiful and generous.
Scope of Analysis	C: 0.0005%-6.0000%S: 0.0005%-0.3500%	C: 0.0001%-10.0000%S: 0.0001%-2.0000%
Furnace Power	2.2 KW	2.5 KW
Detection Cell	One carbon and one sulfur pool	One carbon pool and one sulfur pool (Expandable low-carbon and high-sulfur pools)
Overall Dimensions	L530xW370xH195 mm	L1360xW610xH770 mmL680xW510xH1260 mm



IR Carbon Sulfur Analyzer
SKU: BANA-401



IR Carbon Sulfur Analyzer
SKU: BANA-402

IR Carbon Sulfur Analyzer Series 200

Specification	IR Carbon Sulfur Analyzer SKU: BANA-403
Carbon Measurement Range	0.00001% - 99.99999%
Sulphur Measurement Range	0.00001% - 99.99999%
Carbon Analysis Precision	RSD≤0.5%
Sulphur Analysis Precision	RSD≤1%
Carbon Detection Point	C Pond (can add low C Pond)



IR Carbon Sulfur Analyzer
SKU: BANA-403

ANALYZER

MILK ANALYZER

OVERVIEW

The milk analyzer measures key components in dairy samples, including fat (0.01–25 %), solid-not-fat (3–15 %), density (1015–1040 kg/m³) and protein (2–7 %), providing rapid quantitative assessment for quality control in milk processing.

Highlights

- Fat measurement 0.01–25 %
- SNF range 3–15 %
- Density 1015–1040 kg/m³
- Protein range 2–7 %

For Detailed Technical Info & Accessories

Scan to view detailed technical information & accessories, or visit the link below.

CATALOG LINK

https://biolabscientific.com/content/catalogs/1107-Catalog-Biolab.pdf

Milk Analyzer Series 100

Specification	Milk Analyzer SKU: BANA-700
Measuring Range - Fat	0.01%~25%
Measuring Range - SNF	3%~15%
Measuring Range - Density	1015~1040 kg/m³
Measuring Range - Proteins	2%~7%
Measuring Range - Lactose	0.01%~6%



Milk Analyzer
SKU: BANA-700

ANALYZER

MOISTURE ANALYZER

OVERVIEW

These halogen-heated moisture analyzers employ load-cell sensors and a 5-inch touchscreen for real-time curves and multi-mode drying. They handle up to around 110 g with 0.01 g readability, have programmable temperature up to 160 °C, offer standard/fast/soft modes, automatic or manual stops and store test data.

Highlights

- Halogen heating
- Touchscreen control
- Multiple drying modes
- High-precision weighing

For Detailed Technical Info & Accessories

Scan to view detailed technical information & accessories, or visit the link below.

CATALOG LINK

https://biolabscientific.com/content/catalogs/1105-Catalog-Biolab.pdf

Moisture Analyzer Series 100

TABLE 1 OF 2

Specification	Moisture Analyzer SKU: BANA-501	Moisture Analyzer SKU: BANA-502	Moisture Analyzer SKU: BANA-503	Moisture Analyzer SKU: BANA-504	Moisture Analyzer SKU: BFT-501
Capacity	110g	110g	110g	110g	110g
Readability	0.005g	0.002g	0.001g	0.001g	0.01g
Operating Temp	5°C-35°C	5°C-35°C	5°C-35°C	5°C-35°C	5°C-35°C
Display	Backlit LCD	Backlit LCD	Backlit LCD	5 Inch touch screen	Backlit LCD
Calibration	External calibration	External calibration	External calibration	External calibration	External calibration



Moisture Analyzer
SKU: BANA-501



Moisture Analyzer
SKU: BANA-502



Moisture Analyzer
SKU: BANA-503



Moisture Analyzer
SKU: BANA-504



Moisture Analyzer
SKU: BFT-501

Moisture Analyzer Series 100

TABLE 2 OF 2

Specification	Moisture Analyzer SKU: BFT-505	Moisture Analyzer SKU: BFT-601	Moisture Analyzer SKU: BFT-602	Moisture Analyzer SKU: BFT-701
Capacity	110g	110g	110g	110g
Readability	0.001g	0.005g	0.001g	0.001g
Operating Temp	5°C-35°C	5°C-35°C	5°C-35°C	5°C-35°C
Display	High definition backlit LCD	LCD	LCD	High definition backlit LCD
Calibration	External calibration	External calibration	External calibration	External calibration



Moisture Analyzer
SKU: BFT-505



Moisture Analyzer
SKU: BFT-601



Moisture Analyzer
SKU: BFT-602



Moisture Analyzer
SKU: BFT-701

Moisture Analyzer Series 100

Specification	Moisture Analyzer SKU: BANA-505	Moisture Analyzer SKU: BANA-506	Moisture Analyzer SKU: BANA-507	Moisture Analyzer SKU: BANA-508
Capacity	110g	110g	210g	210g
Readability	0.001g	0.001g	0.001g	0.001g
Operating Temp	5°C-35°C	5°C-35°C	5°C-35°C	5°C-35°C
Pan Size	Φ100mm	Φ100mm	Φ100mm	Φ100mm
Heating Source	Halogen lamp	Halogen lamp	Halogen lamp	Halogen lamp



Moisture Analyzer
SKU: BANA-505



Moisture Analyzer
SKU: BANA-506



Moisture Analyzer
SKU: BANA-507



Moisture Analyzer
SKU: BANA-508

Moisture Analyzer Series 100

Specification	Moisture Analyzer SKU: BFT-101	Moisture Analyzer SKU: BFT-102	Moisture Analyzer SKU: BFT-103	Moisture Analyzer SKU: BFT-104
Capacity	110g	110g	110g	110g
Readability	0.001g	0.001g	0.0001g	0.0001g
Sensor	HBM	HBM	Electromagnetic force	Electromagnetic force
Display	7 Inch touch panel	7 Inch touch panel	7 Inch touch panel	7 Inch touch panel
Open Mode	Manual	Manual	Automatic	Automatic



Moisture Analyzer
SKU: BFT-101



Moisture Analyzer
SKU: BFT-102



Moisture Analyzer
SKU: BFT-103



Moisture Analyzer
SKU: BFT-104

Moisture Analyzer Series 100

Specification	Moisture Analyzer SKU: BFT-201	Moisture Analyzer SKU: BFT-202	Moisture Analyzer SKU: BFT-203
Capacity	110 g	110 g	110 g
Readability	0.01 g	0.005 g	0.001 g
Sensor	Load Cell	Load Cell	Load Cell
Pan Size	Φ100 mm (20pcs)	Φ100 mm (20pcs)	Φ100 mm (20pcs)
Display	5 Inch touch screen	5 Inch touch screen	5 Inch touch screen



Moisture Analyzer
SKU: BFT-201



Moisture Analyzer
SKU: BFT-202



Moisture Analyzer
SKU: BFT-203

Moisture Analyzer Series 200

TABLE 1 OF 3

Specification	Moisture Analyzer SKU: BANA-509	Moisture Analyzer SKU: BANA-510	Moisture Analyzer SKU: BANA-511	Moisture Analyzer SKU: BANA-512	Moisture Analyzer SKU: BFU-5701
Weighing Range	10g	50g	50g	50g	10g
Readability	10mg	1mg	5mg	10mg	10mg
Repeatability (3g samples)	0.005	0.002	0.003	0.005	0.5%
Minimum Sample Amount	0.5g	0.5g	0.5g	0.5g	0.5g
Advised Sample Amount	3-5g	3-5g	3-5g	3-5g	3-10g



Moisture Analyzer
SKU: BANA-509



Moisture Analyzer
SKU: BANA-510



Moisture Analyzer
SKU: BANA-511



Moisture Analyzer
SKU: BANA-512



Moisture Analyzer
SKU: BFU-5701

Moisture Analyzer Series 200

TABLE 2 OF 3

Specification	Moisture Analyzer SKU: BFU-5702	Moisture Analyzer SKU: BFU-5703	Moisture Analyzer SKU: BFU-5704	Moisture Analyzer SKU: BFU-6305	Moisture Analyzer SKU: BFU-6306
Weighing Range	50g	50g	100g	100g	100g
Readability	1mg	5mg	1mg	1mg	5mg
Repeatability (3g samples)	0.2%	0.3%	0.3%	0.002	0.003
Minimum Sample Amount	0.5g	0.5g	0.5g	0.5g	0.5g
Advised Sample Amount	3-10g	3-10g	3-10g	3-5g	3-5g



Moisture Analyzer
SKU: BFU-5702



Moisture Analyzer
SKU: BFU-5703



Moisture Analyzer
SKU: BFU-5704



Moisture Analyzer
SKU: BFU-6305



Moisture Analyzer
SKU: BFU-6306

Moisture Analyzer Series 200

TABLE 3 OF 3

Specification	Moisture Analyzer SKU: BFU-6307
Weighing Range	100g
Readability	10mg
Repeatability (3g samples)	0.005
Minimum Sample Amount	0.5g
Advised Sample Amount	3-5g



Moisture Analyzer
SKU: BFU-6307

ANALYZER

TOC ANALYZER

OVERVIEW

Total organic carbon analyzers measure TOC, TIC, TC and NPOC in water samples using high-temperature catalytic combustion or UV/persulfate oxidation with NDIR detection. Measurement ranges 1–1500 ppb with 1 ppb detection limits and typical analysis times around three minutes under PC control.

Highlights

- Wide measurement range
- Low detection limit
- Multiple oxidation methods
- PC-controlled operation

For Detailed Technical Info & Accessories

Scan to view detailed technical information & accessories, or visit the link below.

CATALOG LINK

https://biolabscientific.com/content/catalogs/1106-Catalog-Biolab.pdf

TOC Analyzer Series 100

Specification	TOC Analyzer SKU: BANA-601	TOC Analyzer SKU: BANA-602
Measurement Range	1-1500 ppb	1-1500 ppb
Detection Limit	1 ppb	1 ppb
Max Tolerance	±5%	±5%
Analysis Time	3 min	3 min
Response Time	within 10 min	within 10 min



TOC Analyzer
SKU: BANA-601



TOC Analyzer
SKU: BANA-602

TOC Analyzer Series 100

Specification	TOC Analyzer SKU: BANA-604	TOC Analyzer SKU: BANA-608-A	TOC Analyzer SKU: BANA-608-B
Measurement Method	Wet Chemical Oxidation by UV	High Temperature Catalytic Combustion	High Temperature Catalytic Combustion
Detector	NDIR	NDIR	NDIR
Analysis Parameter	TC, TIC, TOC, NPOC	TC, TIC, TOC, NPOC	TC, TIC, TOC, NPOC
Control Mode	PC Control	PC software controlled	PC software controlled
Gas Requirement	Nitrogen, purity ≥99.995%	Oxygen, purity ≥99.995%	Oxygen, purity ≥99.995%



TOC Analyzer
SKU: BANA-604



TOC Analyzer
SKU: BANA-608-A



TOC Analyzer
SKU: BANA-608-B

AUTOCLAVE

DENTAL AUTOCLAVE

OVERVIEW

Dental autoclaves are compact Class B sterilizers for instrument reprocessing. They use pre-vacuum cycles and vacuum drying, with automatic pipeline cleaning, microprocessor control and double door interlocking. Typical units hold around 12 L, sterilize at 121/134 °C, and include built-in test programs and optional printers.

Highlights

- Class B sterilizer
- Pre-vacuum cycles
- Microprocessor control
- Optional printer

For Detailed Technical Info & Accessories

Scan to view detailed technical information & accessories, or visit the link below.

CATALOG LINK

https://biolabscientific.com/content/catalogs/1201-Catalog-Biolab.pdf

Dental Autoclave Series 100

Specification	Dental Autoclave SKU: BADT-101	Dental Autoclave SKU: BADT-102	Dental Autoclave SKU: BADT-103	Dental Autoclave SKU: BADT-104
Voltage	220V / 50Hz	220V / 50Hz	220V / 50Hz	220V / 50Hz
Power	1750W	1750W	1750W	1750W
Capacity	8L	12L	18L	22L
Chamber size	Φ17*32cm	Φ20*36cm	Φ25*35cm	Φ25*45cm
Product size	53.5*36.5*32cm	66*44.5*39cm	66*44.5*39cm	70*44.5*39cm



Dental Autoclave
SKU: BADT-101



Dental Autoclave
SKU: BADT-102



Dental Autoclave
SKU: BADT-103



Dental Autoclave
SKU: BADT-104

Dental Autoclave Series 200

Specification	Dental Autoclave SKU: BADT-401	Dental Autoclave SKU: BADT-402	Dental Autoclave SKU: BADT-403	Dental Autoclave SKU: BADT-404
Capacity	12 L	16 L	18 L	23 L
Sterilization Temperature	121°C, 134°C	121°C, 134°C	121°C, 134°C	121°C, 134°C
Vacuum degree	-0.09Mpa	-0.09Mpa	-0.09Mpa	-0.09Mpa
121°C Solid	Yes	Yes	Yes	Yes
121°C Porous	Yes	Yes	Yes	Yes



Dental Autoclave
SKU: BADT-401



Dental Autoclave
SKU: BADT-402



Dental Autoclave
SKU: BADT-403



Dental Autoclave
SKU: BADT-404

Dental Autoclave Series 200

TABLE 1 OF 2

Specification	Dental Autoclave SKU: BADT-501	Dental Autoclave SKU: BADT-502	Dental Autoclave SKU: BADT-601	Dental Autoclave SKU: BADT-602	Dental Autoclave SKU: BADT-603
Capacity	18 L	23 L	18 L	23 L	29 L
Sterilization Temperature	121°C, 134°C	121°C, 134°C	121°C, 134°C	121°C, 134°C	121°C, 134°C
Vacuum degree	-0.09Mpa	-0.09Mpa	-0.09Mpa	-0.09Mpa	-0.09Mpa
Steam leakage test	Yes	Yes	Yes	Yes	Yes
121°C Solid	Yes	Yes	Yes	Yes	Yes



Dental Autoclave
SKU: BADT-501



Dental Autoclave
SKU: BADT-502



Dental Autoclave
SKU: BADT-601



Dental Autoclave
SKU: BADT-602



Dental Autoclave
SKU: BADT-603

Dental Autoclave Series 200

TABLE 2 OF 2

Specification	Dental Autoclave SKU: BADT-701	Dental Autoclave SKU: BADT-702
Capacity	18 L	23 L
Sterilization Temperature	121°C, 134°C	121°C, 134°C
Vacuum degree	-0.09Mpa	-0.09Mpa
Steam leakage test	Yes	Yes
121°C Solid	Yes	Yes



Dental Autoclave
SKU: BADT-701



Dental Autoclave
SKU: BADT-702

AUTOCLAVE

HOT AIR STERILIZER

OVERVIEW

Hot air sterilizers are portable pressure steam sterilizers for instrument sterilization. Units operate at around 126 °C with working pressures of 0.14–0.16 MPa, electric or LPG heating options and chamber capacities of 18 L or 24 L.

Highlights

- Portable steam sterilizer
- Electric or LPG heating
- Controlled pressure and temperature
- Different capacities

For Detailed Technical Info & Accessories

Scan to view detailed technical information & accessories, or visit the link below.

CATALOG LINK

https://biolabscientific.com/content/catalogs/1206-Catalog-Biolab.pdf

Hot Air Sterilizer Series 100

Specification	Hot Air Sterilizer SKU: BSHA-207	Hot Air Sterilizer SKU: BSHA-208
Capacity	18 L	24 L
Function	Electric or LPG heated.	Electric or LPG heated.
Sterilization Temperature	126°C	126°C
Working Pressure	0.14-0.16 Mpa	0.14-0.16 Mpa
Maximum Working Pressure	0.165 Mpa	0.165 Mpa



Hot Air Sterilizer
SKU: BSHA-207



Hot Air Sterilizer
SKU: BSHA-208

Hot Air Sterilizer Series 100

Specification	Hot Air Sterilizer SKU: BSHA-209	Hot Air Sterilizer SKU: BSHA-210	Hot Air Sterilizer SKU: BSHA-211	Hot Air Sterilizer SKU: BSHA-212
Capacity	18 L	24 L	18 L	24 L
Function	Electric heated	Electric heated	Electric heated	Electric heated
Sterilization Temperature	126°C	126°C	126°C	126°C
Steam Exhausting Temperature	≤1°C	≤1°C	≤1°C	≤1°C
Working Pressure	0.14-0.16Mpa	0.14-0.16Mpa	0.14-0.16Mpa	0.14-0.16Mpa



Hot Air Sterilizer
SKU: BSHA-209



Hot Air Sterilizer
SKU: BSHA-210

AUTOCLAVE

LABORATORY HORIZONTAL AUTOCLAVE

OVERVIEW

Horizontal pulse vacuum autoclaves apply repeated vacuum extraction and steam pulses to ensure thorough sterilization. A 7-inch touch screen and microprocessor control display temperature, pressure and alarms. Built-in vacuum drying, integrated steam generator and multi-layer safety interlocks provide efficient, safe sterilization in capacities around 200 L.

Highlights

- Pulse-vacuum sterilization
- 7-inch touch screen
- Vacuum drying system
- Multi-layer safety

For Detailed Technical Info & Accessories

Scan to view detailed technical information & accessories, or visit the link below.

CATALOG LINK

https://biolabscientific.com/content/catalogs/1202-Catalog-Biolab.pdf

Laboratory Horizontal Autoclave Series 100

Specification	Laboratory Horizontal Autoclave SKU: BAHZ-501	Laboratory Horizontal Autoclave SKU: BAHZ-502	Laboratory Horizontal Autoclave SKU: BAHZ-503	Laboratory Horizontal Autoclave SKU: BAHZ-504
Capacity	150L	200L	300L	400L
Designed Pressure	0.28MPa	0.28MPa	0.28MPa	0.28MPa
Built-in Steam Generator	Yes	Yes	Yes	Yes
Rated Working Pressure	0.12MPa/0.23MPa	0.12MPa/0.23MPa	0.12MPa/0.23MPa	0.12MPa/0.23MPa
Rated Operating Temperature	121°C/134°C	121°C/134°C	121°C/134°C	121°C/134°C



Laboratory Horizontal Autoclave
SKU: BAHZ-501



Laboratory Horizontal Autoclave
SKU: BAHZ-502



Laboratory Horizontal Autoclave
SKU: BAHZ-503



Laboratory Horizontal Autoclave
SKU: BAHZ-504

Laboratory Horizontal Autoclave Series 100

TABLE 1 OF 2

Specification	Laboratory Horizontal Autoclave SKU: BAHZ-801-B	Laboratory Horizontal Autoclave SKU: BAHZ-801-C	Laboratory Horizontal Autoclave SKU: BAHZ-801-D	Laboratory Horizontal Autoclave SKU: BAHZ-801-E	Laboratory Horizontal Autoclave SKU: BAHZ-810-A
Capacity	150L	200L	300L	360L	450L
Door	Manual	Manual	Manual	Manual	Automatic
Display	7-inch LCD touch screen	7-inch LCD touch screen	7-inch LCD touch screen	7-inch LCD touch screen	7-inch LCD touch screen
Designed Pressure	-0.1/0.3MPa	-0.1/0.3MPa	-0.1/0.3MPa	-0.1/0.3MPa	Inner chamber: -0.1/0.3MPa; Jacket: 0.3MPa
Working Pressure	0.23MPa	0.23MPa	0.23MPa	0.23MPa	0.21MPa



Laboratory Horizontal Autoclave
SKU: BAHZ-801-B



Laboratory Horizontal Autoclave
SKU: BAHZ-801-C



Laboratory Horizontal Autoclave
SKU: BAHZ-801-D



Laboratory Horizontal Autoclave
SKU: BAHZ-801-E



Laboratory Horizontal Autoclave
SKU: BAHZ-810-A

Laboratory Horizontal Autoclave Series 100

TABLE 2 OF 2

Specification	Laboratory Horizontal Autoclave SKU: BAHZ-810-B
Capacity	650L
Door	Automatic
Display	7-inch LCD touch screen
Designed Pressure	Inner chamber: -0.1/0.3MPa; Jacket: 0.3MPa
Working Pressure	0.21MPa



Laboratory Horizontal Autoclave
SKU: BAHZ-810-B

Laboratory Horizontal Autoclave Series 200

TABLE 1 OF 2

Specification	Laboratory Horizontal Autoclave SKU: BAHZ-401-A	Laboratory Horizontal Autoclave SKU: BAHZ-401-B	Laboratory Horizontal Autoclave SKU: BAHZ-402-A	Laboratory Horizontal Autoclave SKU: BAHZ-402-B	Laboratory Horizontal Autoclave SKU: BDN-503
Capacity (L)	180	180	280	280	350
Dimension (L*W*H) (mm)	796x1485x1612	796x1485x1612	796x1485x1612	796x1485x1612	1056x1451x1734
Chamber dimension (mm)	Φ500x1150	Φ500x1150	Φ600x1175	Φ600x1175	Φ600x1240
Net weight	650kg	650kg	720kg	720kg	800kg
Power	16KW	16KW	16KW	16KW	16KW



Laboratory Horizontal Autoclave
SKU: BAHZ-401-A



Laboratory Horizontal Autoclave
SKU: BAHZ-401-B



Laboratory Horizontal Autoclave
SKU: BAHZ-402-A



Laboratory Horizontal Autoclave
SKU: BAHZ-402-B



Laboratory Horizontal Autoclave
SKU: BDN-503

Laboratory Horizontal Autoclave Series 200

TABLE 2 OF 2

Specification	Laboratory Horizontal Autoclave SKU: BDN-506
Capacity (L)	350
Dimension (L*W*H) (mm)	1056x1451x1734
Chamber dimension (mm)	Φ600x1240
Net weight	800kg
Power	16KW



Laboratory Horizontal Autoclave
SKU: BDN-506

Laboratory Horizontal Autoclave Series 300

TABLE 1 OF 2

Specification	Laboratory Horizontal Autoclave SKU: BAHZ-201	Laboratory Horizontal Autoclave SKU: BAHZ-202	Laboratory Horizontal Autoclave SKU: BAHZ-203	Laboratory Horizontal Autoclave SKU: BAHZ-204	Laboratory Horizontal Autoclave SKU: BAHZ-205
Sterilizing chamber volume	150L φ440x1000mm	200L φ515x1000mm	280L φ600x1000mm	400L φ700x1100mm	500L φ700x1300mm
Working pressure	0.22MPa	0.22MPa	0.22MPa	0.22MPa	0.22MPa
Working temperature	134°C	134°C	134°C	134°C	134°C
Temperature adjust range	40~134°C	40~134°C	40~134°C	40~134°C	40~134°C
Time for sterilization	0~60min	0~60min	0~60min	0~60min	0~60min



Laboratory Horizontal Autoclave
SKU: BAHZ-201



Laboratory Horizontal Autoclave
SKU: BAHZ-202



Laboratory Horizontal Autoclave
SKU: BAHZ-203



Laboratory Horizontal Autoclave
SKU: BAHZ-204



Laboratory Horizontal Autoclave
SKU: BAHZ-205

Laboratory Horizontal Autoclave Series 300

TABLE 2 OF 2

Specification	Laboratory Horizontal Autoclave SKU: BAHZ-301	Laboratory Horizontal Autoclave SKU: BAHZ-302	Laboratory Horizontal Autoclave SKU: BAHZ-303
Sterilizing chamber volume	150L φ440x1000mm	200L φ515x1000mm	280L φ600x1000mm
Working pressure	0.22MPa	0.22MPa	0.22MPa
Working temperature	134°C	134°C	134°C
Temperature adjust range	40~134°C	40~134°C	40~134°C
Time for sterilization	0~99min	0~99min	0~99min



Laboratory Horizontal Autoclave
SKU: BAHZ-301



Laboratory Horizontal Autoclave
SKU: BAHZ-302



Laboratory Horizontal Autoclave
SKU: BAHZ-303

AUTOCLAVE

LABORATORY VERTICAL AUTOCLAVE

OVERVIEW

Vertical steam sterilizers feature stainless steel chambers and microcomputer control for precise temperature and time settings. They offer a wide capacity range, built-in buckets or baskets, and automatic safety protections for over-temperature, over-pressure and low water conditions.

Highlights

- Vertical steam sterilization
- Microcomputer temperature control
- Stainless steel chamber
- Automatic safety protections

For Detailed Technical Info & Accessories

Scan to view detailed technical information & accessories, or visit the link below.

CATALOG LINK

https://biolabscientific.com/content/catalogs/1205-Catalog-Biolab.pdf

Laboratory Vertical Autoclave Series 100

TABLE 1 OF 2

Specification	Laboratory Vertical Autoclave SKU: BAVT-302-A	Laboratory Vertical Autoclave SKU: BAVT-302-B	Laboratory Vertical Autoclave SKU: BAVT-303-A	Laboratory Vertical Autoclave SKU: BAVT-303-B	Laboratory Vertical Autoclave SKU: BAVT-304-A
Capacity (L)	54	54	80	80	100
Dimensions (LxWxH) mm	460x542x1105	460x542x1105	620x726x1090	620x745x1090	620x730x1200
Chamber dimension (DiaxH) mm	Chamber dimension (DiaxH) mm	Φ320x725	Chamber dimension (DiaxH) mm	Φ320x725	Φ400x700
Rated power (W)	Rated power (W)	2600	Rated power (W)	2600	4600 (2900 optional)
Basket size (pcs)	(Φ298x195) x3	(Φ298x195)x3	(Φ360x275) x2	(Φ298x195)x3	(Φ360x275)x2



Laboratory Vertical Autoclave
SKU: BAVT-302-A



Laboratory Vertical Autoclave
SKU: BAVT-302-B



Laboratory Vertical Autoclave
SKU: BAVT-303-A



Laboratory Vertical Autoclave
SKU: BAVT-303-B



Laboratory Vertical Autoclave
SKU: BAVT-304-A

Laboratory Vertical Autoclave Series 100

TABLE 2 OF 2

Specification	Laboratory Vertical Autoclave SKU: BAVT-304-B	Laboratory Vertical Autoclave SKU: BDN-401	Laboratory Vertical Autoclave SKU: BDN-411	Laboratory Vertical Autoclave SKU: BDN-412	Laboratory Vertical Autoclave SKU: BDN-413
Capacity (L)	100	29	54	80	100
Dimensions (LxWxH) mm	620x745x1200	460x542x976	460x785x1105	620x900x1090	620x900x1200
Chamber dimension (DiaxH) mm	Φ400x700	Φ320x378	Φ320x725	Φ400x700	Φ400x800
Rated power (W)	4600 (2900 optional)	2300	2300	2600	4600 (2900 as option)
Basket size (pcs)	(Φ360x275)x2	(Φ298x260)x1	(Φ298x195)x3	(Φ360x275)x2	(Φ360x215)x3



Laboratory Vertical Autoclave
SKU: BAVT-304-B



Laboratory Vertical Autoclave
SKU: BDN-401



Laboratory Vertical Autoclave
SKU: BDN-411



Laboratory Vertical Autoclave
SKU: BDN-412



Laboratory Vertical Autoclave
SKU: BDN-413

Laboratory Vertical Autoclave Series 100

TABLE 1 OF 2

Specification	Laboratory Vertical Autoclave SKU: BAVT-401-A	Laboratory Vertical Autoclave SKU: BAVT-401-B	Laboratory Vertical Autoclave SKU: BAVT-401-C	Laboratory Vertical Autoclave SKU: BAVT-402-A	Laboratory Vertical Autoclave SKU: BAVT-402-B
Capacity(L)	60	60	60	85	85
Dimension(L*W*H)(mm)	644x831x980	644x831x980	644x660x980	644x831x980	644x831x980
Chamber dimension(Dia*H)(mm)	Φ390x505	Φ390x505	Φ390x505	Φ390x700	Φ390x700
Rated power(W)	2900	2900	2900	4600 (2900 as option)	4600 (2900 as option)
SUS 304 Basket(Dia*H)(mm)	(Φ 370x190) x2	(Φ 370x190) x2	(Φ 370x190) x2	(Φ 370x280) x2	(Φ 370x280) x2



Laboratory Vertical Autoclave
SKU: BAVT-401-A



Laboratory Vertical Autoclave
SKU: BAVT-401-B



Laboratory Vertical Autoclave
SKU: BAVT-401-C



Laboratory Vertical Autoclave
SKU: BAVT-402-A



Laboratory Vertical Autoclave
SKU: BAVT-402-B

Laboratory Vertical Autoclave Series 100

TABLE 2 OF 2

Specification	Laboratory Vertical Autoclave SKU: BAVT-402-C	Laboratory Vertical Autoclave SKU: BAVT-403-A	Laboratory Vertical Autoclave SKU: BAVT-403-B	Laboratory Vertical Autoclave SKU: BAVT-403-C
Capacity(L)	85	110	110	110
Dimension(L*W*H)(mm)	644x660x980	644x831x1180	644x831x1180	644x660x980
Chamber dimension(Dia*H)(mm)	Φ390x700	Φ390x895	Φ390x895	Φ390x895
Rated power(W)	4600 (2900 as option)	4600	4600	4600
SUS 304 Basket(Dia*H)(mm)	(Φ 370x280) x2	(Φ 370x500) x3	(Φ 370x500) x3	(Φ 370x500) x3



Laboratory Vertical Autoclave
SKU: BAVT-402-C



Laboratory Vertical Autoclave
SKU: BAVT-403-A



Laboratory Vertical Autoclave
SKU: BAVT-403-B



Laboratory Vertical Autoclave
SKU: BAVT-403-C

Laboratory Vertical Autoclave Series 100

TABLE 1 OF 3

Specification	Laboratory Vertical Autoclave SKU: BAVT-502-A	Laboratory Vertical Autoclave SKU: BAVT-502-B	Laboratory Vertical Autoclave SKU: BAVT-503-A	Laboratory Vertical Autoclave SKU: BAVT-503-B	Laboratory Vertical Autoclave SKU: BAVT-504-A
Capacity(L)	50	50	80	80	100
Dimension(L*W*H)(mm)	580x490x1085	580x490x1085	730x625x1100	730x625x1100	730x625x1200
Chamber dimension(Dia*H)(mm)	Φ 320 x 725	Φ 320 x 725	Φ 400 x 700	Φ 400 x 700	Φ 400 x 800
Power requirements	220V ± 10% 6A50HZ / 60HZ	220V ± 10% 16A 50HZ / 60HZ	220V ± 10% 32A 50HZ / 60HZ	220V ± 10% 32A 50HZ / 60HZ	220V ± 10% 32A 50HZ / 60HZ
Rated power(W)	2600W	2600W	4600W	4600W	4600W



Laboratory Vertical Autoclave
SKU: BAVT-502-A



Laboratory Vertical Autoclave
SKU: BAVT-502-B



Laboratory Vertical Autoclave
SKU: BAVT-503-A



Laboratory Vertical Autoclave
SKU: BAVT-503-B



Laboratory Vertical Autoclave
SKU: BAVT-504-A

Laboratory Vertical Autoclave Series 100

TABLE 2 OF 3

Specification	Laboratory Vertical Autoclave SKU: BAVT-504-B	Laboratory Vertical Autoclave SKU: BDN-201	Laboratory Vertical Autoclave SKU: BDN-205	Laboratory Vertical Autoclave SKU: BDN-206	Laboratory Vertical Autoclave SKU: BDN-207
Capacity(L)	100	29	29	50	80
Dimension(L*W*H)(mm)	730x625x1200	580x490x960	580x490x960	580x490x1085	730x625x1100
Chamber dimension(Dia*H)(mm)	Φ 400 x 800	Φ 320 x 378	Φ 320 x 378	Φ 320 x 725	Φ 400 x 700
Power requirements	220V ± 10% 32A 50HZ / 60HZ	220V ± 10% 16A 50HZ / 60HZ	220V ± 10% 16A 50HZ / 60HZ	220V ± 10% 16A 50HZ / 60HZ	220V ± 10% 32A 50HZ / 60HZ
Rated power(W)	4600W	2600W	2600W	2600W	4600W



Laboratory Vertical Autoclave
SKU: BAVT-504-B



Laboratory Vertical Autoclave
SKU: BDN-201



Laboratory Vertical Autoclave
SKU: BDN-205



Laboratory Vertical Autoclave
SKU: BDN-206



Laboratory Vertical Autoclave
SKU: BDN-207

Laboratory Vertical Autoclave Series 100

TABLE 3 OF 3

Specification	Laboratory Vertical Autoclave SKU: BDN-208
Capacity(L)	100
Dimension(L*W*H)(mm)	730x625x1200
Chamber dimension(Dia*H)(mm)	Φ 400 x 800
Power requirements	220V ± 10% 32A 50HZ / 60HZ
Rated power(W)	4600W



Laboratory Vertical Autoclave
SKU: BDN-208

Laboratory Vertical Autoclave Series 100

TABLE 1 OF 2

Specification	Laboratory Vertical Autoclave SKU: BAVT-601-A	Laboratory Vertical Autoclave SKU: BAVT-601-B	Laboratory Vertical Autoclave SKU: BAVT-602-A	Laboratory Vertical Autoclave SKU: BAVT-602-B	Laboratory Vertical Autoclave SKU: BAVT-603-A
Type	Smart type	Economical type	Smart type	Economical type	Smart type
Capacity (L)	29	29	54	54	80
Dimension (LxWxH, mm)	460x542x940	460x542x940	460x542x1070	460x542x1070	620x680x1100
Chamber (Dia x H)	325x381	325x381	325x670	325x670	400x709
Chamber material	SUS304	SUS304	SUS304	SUS304	SUS304



Laboratory Vertical Autoclave
SKU: BAVT-601-A



Laboratory Vertical Autoclave
SKU: BAVT-601-B



Laboratory Vertical Autoclave
SKU: BAVT-602-A



Laboratory Vertical Autoclave
SKU: BAVT-602-B



Laboratory Vertical Autoclave
SKU: BAVT-603-A

Laboratory Vertical Autoclave Series 100

TABLE 2 OF 2

Specification	Laboratory Vertical Autoclave SKU: BAVT-603-B	Laboratory Vertical Autoclave SKU: BAVT-604-A	Laboratory Vertical Autoclave SKU: BAVT-604-B
Type	Economical type	Smart type	Economical type
Capacity (L)	80	100	100
Dimension (LxWxH, mm)	620x680x1100	620x680x1200	620x680x1200
Chamber (Dia x H)	400x709	400x809	400x809
Chamber material	SUS304	SUS304	SUS304



Laboratory Vertical Autoclave
SKU: BAVT-603-B



Laboratory Vertical Autoclave
SKU: BAVT-604-A



Laboratory Vertical Autoclave
SKU: BAVT-604-B

Laboratory Vertical Autoclave Series 100

TABLE 1 OF 2

Specification	Laboratory Vertical Autoclave SKU: BDN-101	Laboratory Vertical Autoclave SKU: BDN-102	Laboratory Vertical Autoclave SKU: BDN-103	Laboratory Vertical Autoclave SKU: BDN-104	Laboratory Vertical Autoclave SKU: BDN-105
Capacity (L)	29	54	88	120	150
Chamber dimension (Dia*H)(mm)	460x570x925	460x570x1050	565x650x1066	665x790x1040	665x790x1140
Chamber dimension (Dia*H)(mm) Φ	Φ320x394	Φ320x726	Φ400x733	Φ500x658	Φ500x808
Rated power (W)	2300	2600	4600	4600	6000
SUS304 Basket Size (pcs)	(Φ300x265)x1	(Φ300x205)x3	(Φ370x280)x2	(Φ480x250)x2	(Φ480x205)x3



Laboratory Vertical Autoclave
SKU: BDN-101



Laboratory Vertical Autoclave
SKU: BDN-102



Laboratory Vertical Autoclave
SKU: BDN-103



Laboratory Vertical Autoclave
SKU: BDN-104



Laboratory Vertical Autoclave
SKU: BDN-105

Laboratory Vertical Autoclave Series 100

TABLE 2 OF 2

Specification	Laboratory Vertical Autoclave SKU: BDN-119	Laboratory Vertical Autoclave SKU: BDN-120	Laboratory Vertical Autoclave SKU: BDN-121
Capacity (L)	175	175	175
Chamber dimension (Dia*H)(mm)	660x794x1260	660x1090x1260	660x940x1260
Chamber dimension (Dia*H)(mm) Φ	Φ500x936	Φ500x936	Φ500x936
Rated power (W)	6000	6000	6000
SUS304 Basket Size (pcs)	(Φ480x250)x3	(Φ480x250)x3	(Φ480x250)x3



Laboratory Vertical Autoclave
SKU: BDN-119



Laboratory Vertical Autoclave
SKU: BDN-120



Laboratory Vertical Autoclave
SKU: BDN-121

Laboratory Vertical Autoclave Series 100

Specification	Laboratory Vertical Autoclave SKU: BDN-106	Laboratory Vertical Autoclave SKU: BDN-107	Laboratory Vertical Autoclave SKU: BDN-108	Laboratory Vertical Autoclave SKU: BDN-109
Capacity (L)	54	88	120	150
Outer Dimension (Dia*H) mm	460x820x1050	565x950x1066	665x1090x1040	665x1090x1140
Chamber Dimension (Dia*H) mm	Φ320x726	Φ400x733	Φ500x658	Φ500x808
Rated Power (W)	2600	4600	4600	6000
SUS304 Basket Size (pcs)	(Φ300x205)x3	(Φ370x280)x2	(Φ480x250)x2	(Φ480x205)x3



Laboratory Vertical Autoclave
SKU: BDN-106



Laboratory Vertical Autoclave
SKU: BDN-107



Laboratory Vertical Autoclave
SKU: BDN-108



Laboratory Vertical Autoclave
SKU: BDN-109

Laboratory Vertical Autoclave Series 100

Specification	Laboratory Vertical Autoclave SKU: BDN-110	Laboratory Vertical Autoclave SKU: BDN-111	Laboratory Vertical Autoclave SKU: BDN-112	Laboratory Vertical Autoclave SKU: BDN-113
Capacity (L)	54	88	120	150
Outer dimension (Dia*H)(mm)	460x720x1050	565x800x1066	665x940x1040	665x940x1140
Chamber dimension (Dia*H)(mm) Φ	Φ320x726	Φ400x733	Φ500x658	Φ500x808
Rated power (W)	2600	4600	4600	6000
Sus304 basket size(pes)	(Φ300x205)x3	(Φ370x280)x2	(Φ480x250)x2	(Φ480x205)x3



Laboratory Vertical Autoclave
SKU: BDN-110



Laboratory Vertical Autoclave
SKU: BDN-111



Laboratory Vertical Autoclave
SKU: BDN-112



Laboratory Vertical Autoclave
SKU: BDN-113

Laboratory Vertical Autoclave Series 100

Specification	Laboratory Vertical Autoclave SKU: BDN-114	Laboratory Vertical Autoclave SKU: BDN-115	Laboratory Vertical Autoclave SKU: BDN-116	Laboratory Vertical Autoclave SKU: BDN-117	Laboratory Vertical Autoclave SKU: BDN-118
Capacity (L)	54	88	120	150	175
Outer Dimension	460x570x1050	565x950x1066	665x1090x1040	665x1090x1140	660x1090x1260
Chamber Dimension	Φ320x726	Φ400x733	Φ500x658	Φ500x808	Φ500x936
Rated Power (W)	2600	4600	4600	6000	6000
Basket Size	(Φ300x205)x3	(Φ370x280)x2	(Φ480x250)x2	(Φ480x205)x3	(Φ480x250)x3



Laboratory Vertical Autoclave
SKU: BDN-114



Laboratory Vertical Autoclave
SKU: BDN-115



Laboratory Vertical Autoclave
SKU: BDN-116



Laboratory Vertical Autoclave
SKU: BDN-117



Laboratory Vertical Autoclave
SKU: BDN-118

Laboratory Vertical Autoclave Series 200

Specification	Laboratory Vertical Autoclave SKU: BAVT-101	Laboratory Vertical Autoclave SKU: BAVT-102	Laboratory Vertical Autoclave SKU: BAVT-103	Laboratory Vertical Autoclave SKU: BAVT-104
Chamber volume	35L φ318 x 450mm	50L φ340 x 550mm	75L φ400 x 600mm	100L φ440 x 650mm
Working pressure	0.22MPa	0.22MPa	0.22MPa	0.22MPa
Working temperature	134°C	134°C	134°C	134°C
Max. working pressure	0.23MPa	0.23MPa	0.23MPa	0.23MPa
Heat average	≤ ±1°C	≤ ±1°C	≤ ±1°C	≤ ±1°C



Laboratory Vertical Autoclave
SKU: BAVT-101



Laboratory Vertical Autoclave
SKU: BAVT-102



Laboratory Vertical Autoclave
SKU: BAVT-103



Laboratory Vertical Autoclave
SKU: BAVT-104

Laboratory Vertical Autoclave Series 300

TABLE 1 OF 2

Specification	Laboratory Vertical Autoclave SKU: BFH-401	Laboratory Vertical Autoclave SKU: BFH-402	Laboratory Vertical Autoclave SKU: BFH-403	Laboratory Vertical Autoclave SKU: BFH-404	Laboratory Vertical Autoclave SKU: BFH-405
Capacity (L)	65	65	65	90	90
Dimensions (Lx WxH)mm	664x660x994.5	664x660x994.5	664x660x994.5	664x660x994.5	664x660x994.5
Sterilization Chamber Dimensions(Diameter x Height)mm	Φ400x530	Φ400x530	Φ400x530	Φ400x730	Φ400x730
Rated Power (W)	2800	2800	2800	3400	3400
Stainless Steel Baskets	Φ370x200x2	Φ370x200x2	Φ370x200x2	Φ370x200&Φ370x400	Φ370x200&Φ370x400



Laboratory Vertical Autoclave
SKU: BFH-401



Laboratory Vertical Autoclave
SKU: BFH-402



Laboratory Vertical Autoclave
SKU: BFH-403



Laboratory Vertical Autoclave
SKU: BFH-404



Laboratory Vertical Autoclave
SKU: BFH-405

Laboratory Vertical Autoclave Series 300

TABLE 2 OF 2

Specification	Laboratory Vertical Autoclave SKU: BFH-406	Laboratory Vertical Autoclave SKU: BFH-407	Laboratory Vertical Autoclave SKU: BFH-408	Laboratory Vertical Autoclave SKU: BFH-409
Capacity (L)	90	115	115	115
Dimensions (Lx WxH)mm	664x660x994.5	664x660x1200	664x660x1200	664x660x1200
Sterilization Chamber Dimensions(Diameter x Height)mm	Φ400x730	Φ400x920	Φ400x920	Φ400x920
Rated Power (W)	3400	4500	4500	4500
Stainless Steel Baskets	Φ370x200&Φ370x400	Φ370x400x2	Φ370x400x2	Φ370x400x2



Laboratory Vertical Autoclave
SKU: BFH-406



Laboratory Vertical Autoclave
SKU: BFH-407



Laboratory Vertical Autoclave
SKU: BFH-408



Laboratory Vertical Autoclave
SKU: BFH-409

Laboratory Vertical Autoclave Series 400

TABLE 1 OF 5

Specification	Laboratory Vertical Autoclave SKU: BAVT-2901	Laboratory Vertical Autoclave SKU: BAVT-2902	Laboratory Vertical Autoclave SKU: BAVT-2903	Laboratory Vertical Autoclave SKU: BAVT-2904	Laboratory Vertical Autoclave SKU: BAVT-3001
Capacity	35 L	50 L	75 L	100 L	35 L
Power	3.5 kW	3.5 kW	4.5 kW	4.5 kW	3.5 kW
Voltage	AC 220V. 50HZ	AC 220V. 50HZ	AC 220V. 50HZ	AC 220V. 50HZ	AC 220V. 50HZ
Design pressure	0.25 Mpa	0.25 Mpa	0.25 Mpa	0.25 Mpa	0.25 Mpa
Design temperature	139°C	139°C	139°C	139°C	139°C



Laboratory Vertical Autoclave
SKU: BAVT-2901



Laboratory Vertical Autoclave
SKU: BAVT-2902



Laboratory Vertical Autoclave
SKU: BAVT-2903



Laboratory Vertical Autoclave
SKU: BAVT-2904



Laboratory Vertical Autoclave
SKU: BAVT-3001

Laboratory Vertical Autoclave Series 400

TABLE 2 OF 5

Specification	Laboratory Vertical Autoclave SKU: BAVT-3002	Laboratory Vertical Autoclave SKU: BAVT-3003	Laboratory Vertical Autoclave SKU: BAVT-3004	Laboratory Vertical Autoclave SKU: BAVT-3101	Laboratory Vertical Autoclave SKU: BAVT-3102
Capacity	50 L	75 L	100 L	35 L	50 L
Power	3.5 kW	4.5 kW	4.5 kW	3.5 kW	3.5 kW
Voltage	AC 220V. 50HZ	AC 220V. 50HZ	AC 220V. 50HZ	AC 220V. 50HZ	AC 220V. 50HZ
Design pressure	0.25 Mpa	0.25 Mpa	0.25 Mpa	0.25 Mpa	0.25 Mpa
Design temperature	139°C	139°C	139°C	139°C	139°C



Laboratory Vertical Autoclave
SKU: BAVT-3002



Laboratory Vertical Autoclave
SKU: BAVT-3003



Laboratory Vertical Autoclave
SKU: BAVT-3004



Laboratory Vertical Autoclave
SKU: BAVT-3101



Laboratory Vertical Autoclave
SKU: BAVT-3102

Laboratory Vertical Autoclave Series 400

TABLE 3 OF 5

Specification	Laboratory Vertical Autoclave SKU: BAVT-3103	Laboratory Vertical Autoclave SKU: BAVT-3104	Laboratory Vertical Autoclave SKU: BAVT-3201	Laboratory Vertical Autoclave SKU: BAVT-3202	Laboratory Vertical Autoclave SKU: BAVT-3203
Capacity	75 L	100 L	35 L	50 L	75 L
Power	4.5 kW	4.5 kW	3.5 kW	3.5 kW	4.5 kW
Voltage	AC 220V. 50HZ	AC 220V. 50HZ	AC 220V. 50HZ	AC 220V. 50HZ	AC 220V. 50HZ
Design pressure	0.25 Mpa	0.25 Mpa	0.25 Mpa	0.25 Mpa	0.25 Mpa
Design temperature	139°C	139°C	139°C	139°C	139°C



Laboratory Vertical Autoclave
SKU: BAVT-3103



Laboratory Vertical Autoclave
SKU: BAVT-3104



Laboratory Vertical Autoclave
SKU: BAVT-3201



Laboratory Vertical Autoclave
SKU: BAVT-3202



Laboratory Vertical Autoclave
SKU: BAVT-3203

Laboratory Vertical Autoclave Series 400

TABLE 4 OF 5

Specification	Laboratory Vertical Autoclave SKU: BAVT-3204	Laboratory Vertical Autoclave SKU: BAVT-3301	Laboratory Vertical Autoclave SKU: BAVT-3302	Laboratory Vertical Autoclave SKU: BAVT-3303	Laboratory Vertical Autoclave SKU: BAVT-3304
Capacity	100 L	35 L	50 L	75 L	100 L
Power	4.5 kW	2.5 kW	3.5 kW	4.5 kW	4.5 kW
Voltage	AC 220V. 50HZ	AC 220V. 50HZ	AC 220V. 50HZ	AC 220V. 50HZ	AC 220V. 50HZ
Design pressure	0.25 Mpa	0.25 Mpa	0.25 Mpa	0.25 Mpa	0.25 Mpa
Design temperature	139°C	139°C	139°C	139°C	139°C



Laboratory Vertical Autoclave
SKU: BAVT-3204



Laboratory Vertical Autoclave
SKU: BAVT-3301



Laboratory Vertical Autoclave
SKU: BAVT-3302



Laboratory Vertical Autoclave
SKU: BAVT-3303



Laboratory Vertical Autoclave
SKU: BAVT-3304

Laboratory Vertical Autoclave Series 400

TABLE 5 OF 5

Specification	Laboratory Vertical Autoclave SKU: BAVT-3305	Laboratory Vertical Autoclave SKU: BAVT-3306
Capacity	120 L	150 L
Power	4.5 kW	6.0 kW
Voltage	AC 220V. 50HZ	AC 220V. 50HZ
Design pressure	0.25 Mpa	0.25 Mpa
Design temperature	139°C	139°C



Laboratory Vertical Autoclave
SKU: BAVT-3305



Laboratory Vertical Autoclave
SKU: BAVT-3306

MEDICAL AUTOCLAVE

OVERVIEW

Medical autoclaves use AI-guided programs with 121 °C/134 °C sterilization and a 35-minute class B cycle. Automatic doors, 304 stainless-steel chambers, built-in water tanks, selectable drying modes and integrated printers/SD cards deliver efficient sterilization with traceability and low noise.

Highlights

- AI-controlled sterilization
- Automatic door
- Integrated drying modes
- Process traceability

For Detailed Technical Info & Accessories

Scan to view detailed technical information & accessories, or visit the link below.

CATALOG LINK

https://biolabscientific.com/content/catalogs/1203-Catalog-Biolab.pdf

Medical Autoclave Series 100

TABLE 1 OF 7

Specification	Medical Autoclave SKU: BAHZ-802-A	Medical Autoclave SKU: BAHZ-802-B	Medical Autoclave SKU: BAHZ-802-C	Medical Autoclave SKU: BAHZ-802-D	Medical Autoclave SKU: BAHZ-803-A
Volume	146L	146L	146L	146L	241L
Chamber size (W*D*H)	420*420*830mm	420*420*830mm	420*420*830mm	420*420*830mm	600*600*670mm
External size (W*D*H)	1290*1680*1050mm	1290*1680*1050mm	1290*1680*1100mm	1290*1680*1100mm	1370*1880*950mm
Net weight	425 Kg	525 Kg	510 Kg	610 Kg	580 Kg
Power consumption	2.5KW	18KW	2.5KW	18KW	2.5KW



Medical Autoclave
SKU: BAHZ-802-A



Medical Autoclave
SKU: BAHZ-802-B



Medical Autoclave
SKU: BAHZ-802-C



Medical Autoclave
SKU: BAHZ-802-D



Medical Autoclave
SKU: BAHZ-803-A

Medical Autoclave Series 100

TABLE 2 OF 7

Specification	Medical Autoclave SKU: BAHZ-803-B	Medical Autoclave SKU: BAHZ-803-C	Medical Autoclave SKU: BAHZ-803-D	Medical Autoclave SKU: BAHZ-804-A	Medical Autoclave SKU: BAHZ-804-B
Volume	241L	241L	241L	352L	352L
Chamber size (W*D*H)	600*600*670mm	600*600*670mm	600*600*670mm	600*600*980mm	600*600*980mm
External size (W*D*H)	1370*1880*950mm	1370*1880*1000mm	1370*1880*1000mm	1215*1880*1190mm	1215*1880*1190mm
Net weight	660 Kg	660 Kg	720 Kg	780 Kg	880 Kg
Power consumption	24KW	2.5KW	24KW	2.5KW	24KW



Medical Autoclave
SKU: BAHZ-803-B



Medical Autoclave
SKU: BAHZ-803-C



Medical Autoclave
SKU: BAHZ-803-D



Medical Autoclave
SKU: BAHZ-804-A



Medical Autoclave
SKU: BAHZ-804-B

Medical Autoclave Series 100

TABLE 3 OF 7

Specification	Medical Autoclave SKU: BAHZ-804-C	Medical Autoclave SKU: BAHZ-804-D	Medical Autoclave SKU: BAHZ-804-E	Medical Autoclave SKU: BAHZ-804-F	Medical Autoclave SKU: BAHZ-804-G
Volume	352L	352L	352L	352L	352L
Chamber size (W*D*H)	600*600*980mm	600*600*980mm	600*600*980mm	600*600*980mm	600*600*980mm
External size (W*D*H)	1215*1880*1240mm	1215*1880*1240mm	1215*1880*1190mm	1215*1880*1190mm	1215*1880*1240mm
Net weight	860 Kg	960 Kg	880 Kg	1000 Kg	960 Kg
Power consumption	2.5KW	24KW	2.5KW	24KW	2.5KW



Medical Autoclave
SKU: BAHZ-804-C



Medical Autoclave
SKU: BAHZ-804-D



Medical Autoclave
SKU: BAHZ-804-E



Medical Autoclave
SKU: BAHZ-804-F



Medical Autoclave
SKU: BAHZ-804-G

Medical Autoclave Series 100

TABLE 4 OF 7

Specification	Medical Autoclave SKU: BAHZ-804-H	Medical Autoclave SKU: BAHZ-805-A	Medical Autoclave SKU: BAHZ-805-B	Medical Autoclave SKU: BAHZ-805-C	Medical Autoclave SKU: BAHZ-805-D
Volume	352L	655L	655L	655L	655L
Chamber size (W*D*H)	600*600*980mm	610*910*1180mm	610*910*1180mm	610*910*1180mm	610*910*1180mm
External size (W*D*H)	1215*1880*1240mm	1310*2070*1370mm	1310*2070*1370mm	1310*2070*1420mm	1310*2070*1420mm
Net weight	1080 Kg	1170 Kg	1270 Kg	1270 Kg	1370 Kg
Power consumption	24KW	4KW	46KW	4KW	46KW



Medical Autoclave
SKU: BAHZ-804-H



Medical Autoclave
SKU: BAHZ-805-A



Medical Autoclave
SKU: BAHZ-805-B



Medical Autoclave
SKU: BAHZ-805-C



Medical Autoclave
SKU: BAHZ-805-D

Medical Autoclave Series 100

TABLE 5 OF 7

Specification	Medical Autoclave SKU: BAHZ-806-A	Medical Autoclave SKU: BAHZ-806-B	Medical Autoclave SKU: BAHZ-806-C	Medical Autoclave SKU: BAHZ-806-D	Medical Autoclave SKU: BAHZ-807-A
Volume	810L	810L	810L	810L	999L
Chamber size (W*D*H)	610*910*1460mm	610*910*1460mm	610*910*1460mm	610*910*1460mm	610*910*1800mm
External size (W*D*H)	1310*2070*1650mm	1310*2070*1650mm	1310*2070*1700mm	1310*2070*1700mm	1310*2070*1990mm
Net weight	1260 Kg	1360 Kg	1360 Kg	1460 Kg	1300 Kg
Power consumption	4KW	61KW	4KW	61KW	4KW



Medical Autoclave
SKU: BAHZ-806-A



Medical Autoclave
SKU: BAHZ-806-B



Medical Autoclave
SKU: BAHZ-806-C



Medical Autoclave
SKU: BAHZ-806-D



Medical Autoclave
SKU: BAHZ-807-A

Medical Autoclave Series 100

TABLE 6 OF 7

Specification	Medical Autoclave SKU: BAHZ-807-B	Medical Autoclave SKU: BAHZ-807-C	Medical Autoclave SKU: BAHZ-807-D	Medical Autoclave SKU: BAHZ-808-A	Medical Autoclave SKU: BAHZ-809-A
Volume	999L	999L	999L	1203L	1500L
Chamber size (W*D*H)	610*910*1800mm	610*910*1800mm	610*910*1800mm	680*1180*1500mm	680*1180*1870mm
External size (W*D*H)	1310*2070*1990mm	1310*2070*2040mm	1310*2070*2040mm	1450*1990*1710mm	1450*1990*2080mm
Net weight	1400 Kg	1400 Kg	1500 Kg	1950 Kg	2111 Kg
Power consumption	61KW	4KW	61KW	5KW	5KW



Medical Autoclave
SKU: BAHZ-807-B



Medical Autoclave
SKU: BAHZ-807-C



Medical Autoclave
SKU: BAHZ-807-D



Medical Autoclave
SKU: BAHZ-808-A



Medical Autoclave
SKU: BAHZ-809-A

Medical Autoclave Series 100

TABLE 7 OF 7

Specification	Medical Autoclave SKU: BDL-11530	Medical Autoclave SKU: BDL-11532
Volume	1203L	1500L
Chamber size (W*D*H)	680*1180*1500mm	680*1180*1870mm
External size (W*D*H)	1450*1990*1760mm	1450*1990*2130mm
Net weight	2050 Kg	2211 Kg
Power consumption	5KW	5KW



Medical Autoclave
SKU: BDL-11530



Medical Autoclave
SKU: BDL-11532

Medical Autoclave Series 200

Specification	Medical Autoclave SKU: BFG-701
Capacity	45 L
Input	220/230V / 50Hz / 2900W
Sterilization temperature	121°C / 134°C
Material of chamber	Stainless steel 304
Min install depth	600mm (depth of disinfection table)



Medical Autoclave
SKU: BFG-701

Medical Autoclave Series 200

Specification	Medical Autoclave SKU: BFG-901
Capacity	23L
Input	220±22V / 50HZ
Power	2000 W
Chamber size	25.4*45 Cm
Product size	61*47*47 Cm(W*L*H)



Medical Autoclave
SKU: BFG-901

Medical Autoclave Series 200

Specification	Medical Autoclave SKU: BFG-1001	Medical Autoclave SKU: BFG-1101
Power supply	230V±23V, 50Hz, 2900VA	230V±23V, 50Hz, 2900VA
Rack & trays	Standard 2 trays	Standard 2 trays
External dim. WxHxD	287 x 248 x 595 mm	287 x 248 x 595 mm
Chamber dim. WxHxD	175 x 55 x 280 mm	175 x 55 x 280 mm
N.Weight/G.Weight	20kgs / 24kgs	24kgs / 29kgs



Medical Autoclave
SKU: BFG-1001



Medical Autoclave
SKU: BFG-1101

Medical Autoclave Series 300

Specification	Medical Autoclave SKU: BAMN-401
Capacity	3 L
Sterilization Pressure	0.22 Mp
Sterilization Temperature	134 °C
Sterilization Time	4 min
Sterilization Cycle time	11 min



Medical Autoclave
SKU: BAMN-401

Medical Autoclave Series 300

Specification	Medical Autoclave SKU: BAMN-402	Medical Autoclave SKU: BAMN-403	Medical Autoclave SKU: BAMN-404
Capacity	16 L	18 L	23 L
Product Size	450X550X350 mm	450X550X350 mm	450x550x350 mm
Chamber Dimension	φ249x360 mm	φ249x350 mm	φ249x450 mm
Package Size	670x550x500 mm	670x550x500 mm	670x550x500 mm
Gross Weight	28 Kg	30 Kg	33 Kg



Medical Autoclave
SKU: BAMN-402



Medical Autoclave
SKU: BAMN-403



Medical Autoclave
SKU: BAMN-404

AUTOCLAVE

PORTABLE STERILIZER

OVERVIEW

Portable sterilizers deliver reliable steam sterilization for instruments and supplies. The 18–24 L portable units operate at 0.14–0.16 MPa and 126 °C, while vertical units up to 100 L use 0.22 MPa and 134 °C for thorough sterilization.

Highlights

- 18–100 L capacities
- Steam pressure sterilization
- 126–134 °C operation
- Portable and vertical models

For Detailed Technical Info & Accessories

Scan to view detailed technical information & accessories, or visit the link below.

CATALOG LINK

https://biolabscientific.com/content/catalogs/1207-Catalog-Biolab.pdf

Portable Sterilizer Series 100

Specification	Portable Sterilizer SKU: BER-6101	Portable Sterilizer SKU: BER-6102
Capacity	18LΦ280*260mm	24LΦ280*390mm
Working Pressure	0.14-0.16Mpa	0.14-0.16Mpa
Working Temperature	126°C	126°C
Max.Safety Pressure	0.165Mpa	0.165Mpa
Heat Average	≤ ± 0.1°C	≤ ± 0.1°C



Portable Sterilizer
SKU: BER-6101



Portable Sterilizer
SKU: BER-6102

Portable Sterilizer Series 100

Specification	Portable Sterilizer SKU: BER-6201	Portable Sterilizer SKU: BER-6202
Capacity	18L	24L
Working Pressure	0.14-0.16Mpa	0.14-0.16Mpa
Working Temperature	126°C	126°C
Max.Safety Pressure	0.165Mpa	0.165Mpa
Power	AC220V.50Hz/2Kw	AC220V.50Hz/2Kw



Portable Sterilizer
SKU: BER-6201



Portable Sterilizer
SKU: BER-6202

Portable Sterilizer Series 100

Specification	Portable Sterilizer SKU: BER-6301	Portable Sterilizer SKU: BER-6302
Capacity	18L	24L
Working Pressure	0.14-0.16Mpa	0.14-0.16Mpa
Working Temperature	126°C	126°C
Temp. range	126°C	126°C
Max.Safety Pressure	0.165Mpa	0.165Mpa



Portable Sterilizer
SKU: BER-6301



Portable Sterilizer
SKU: BER-6302

Portable Sterilizer Series 100

Specification	Portable Sterilizer SKU: BER-6401	Portable Sterilizer SKU: BER-6402	Portable Sterilizer SKU: BER-6403	Portable Sterilizer SKU: BER-6404
Capacity	35L(Φ318*450)mm	50L(Φ340*550)mm	75L(Φ400*600)mm	100L(Φ440*650)mm
Working pressure	0.22Mpa	0.22Mpa	0.22Mpa	0.22Mpa
Working temperature	134°C	134°C	134°C	134°C
Max.working pressure	0.23Mpa	0.23Mpa	0.23Mpa	0.23Mpa
Heat average	≤± 1°C	≤ ± 1°C	≤ ± 1°C	≤± 1°C



Portable Sterilizer
SKU: BER-6401



Portable Sterilizer
SKU: BER-6402



Portable Sterilizer
SKU: BER-6403



Portable Sterilizer
SKU: BER-6404

AUTOCLAVE

PRE AND POST VACUUM CLASS B AUTOCLAVE

OVERVIEW

Pre- and post-vacuum Class B autoclaves provide thorough sterilization by removing air before and after cycles. Models offer capacities from 8 L to 45 L and operate on 220 V with sterilization temperatures of 121 °C or 134 °C and vacuum degree −0.96 KPa.

Highlights

- Pre & post vacuum cycles
- 8–45 L capacities
- 121 °C / 134 °C sterilization
- Low residual humidity

For Detailed Technical Info & Accessories

Scan to view detailed technical information & accessories, or visit the link below.

CATALOG LINK

https://biolabscientific.com/content/catalogs/1204-Catalog-Biolab.pdf

Pre and Post Vacuum Class B Autoclave Series 100

Specification	Pre and Post Vacuum Class B Autoclave SKU: BAPV-104
Capacity	23L
Input	220V±22V / 50HZ
Power	2300 VA
Chamber size	25.4*45 Cm
Product size	61*43.5*42.5 Cm(W*L*H)



Pre and Post Vacuum Class B Autoclave
SKU: BAPV-104

Pre and Post Vacuum Class B Autoclave Series 100

Specification	Pre and Post Vacuum Class B Autoclave SKU: BAPV-201	Pre and Post Vacuum Class B Autoclave SKU: BAPV-202	Pre and Post Vacuum Class B Autoclave SKU: BAPV-203	Pre and Post Vacuum Class B Autoclave SKU: BAPV-204
Description / V/Hz	220/50	220/50	220/50	220/50
Voltage / W	2500	2500	2500	2500
Capacity / L	8	12	18	22
Chamber size / cm	Φ 17x32	Φ 20x38	Φ 25x35	Φ 25x45
Product size / cm	53.5x39.5x32	61x50x43	61x50x43	66x50x43



Pre and Post Vacuum Class B Autoclave
SKU: BAPV-201



Pre and Post Vacuum Class B Autoclave
SKU: BAPV-202



Pre and Post Vacuum Class B Autoclave
SKU: BAPV-203



Pre and Post Vacuum Class B Autoclave
SKU: BAPV-204

Pre and Post Vacuum Class B Autoclave Series 200

Specification	Pre and Post Vacuum Class B Autoclave SKU: BAPV-501
Tank Capacity	45 L
Sterilization Temperature	121°C/110Kpa, 134°C/210Kpa
Vacuum degree	-096 Kpa
121°C Solid	Yes
121°C Porous	Yes



Pre and Post Vacuum Class B Autoclave
SKU: BAPV-501

AUTOMATED SOLID PHASE EXTRACTION SYSTEM

OVERVIEW

Automated solid phase extraction systems provide reproducible sample cleanup with one to four independently controlled channels. Precision continuous pumps deliver flow rates from 0.1 to 120 mL/min, allowing flexible extraction protocols and simultaneous sample preparation on each channel.

Highlights

- 1–4 channels
- Independent control
- 0.1–120 mL/min
- Precision pumps

For Detailed Technical Info & Accessories

Scan to view detailed technical information & accessories, or visit the link below.

CATALOG LINK

https://biolabscientific.com/content/catalogs/6702-Catalog-Biolab.pdf

Automated Solid Phase Extraction System Series 100

Specification	Automated Solid Phase Extraction System SKU: BGF-901	Automated Solid Phase Extraction System SKU: BGF-902	Automated Solid Phase Extraction System SKU: BGF-903
Channels	1	2	4
Channel Independent Control	Support	Support	Support
Sample pump	Precision Continuous Sample Pump	Precision Continuous Sample Pump	Precision Continuous Sample Pump
Pump flow rate	0.1-120 mL/min	0.1-120 mL/min	0.1-120 mL/min
Types of solvents	8 Seed, 500 mL Solvent Bottle	8 Seed, 500 mL Solvent Bottle	8 Seed, 500 mL Solvent Bottle



Automated Solid Phase Extraction System
SKU: BGF-901



Automated Solid Phase Extraction System
SKU: BGF-902



Automated Solid Phase Extraction System
SKU: BGF-903

AUTOMATED SOLID PHASE EXTRACTION SYSTEM

MANUAL SOLID PHASE EXTRACTION SYSTEM

OVERVIEW

Manual solid phase extraction systems are built from transparent organic glass with uniform wall thickness to withstand high negative pressure. Even pressure distribution ensures consistent extraction, and independent PTFE-lined channels and corrosion-resistant components support controlled sample purification in 12-to-36-position formats.

Highlights

- Transparent glass body
- High negative pressure
- Uniform extraction flow
- Independent channels

For Detailed Technical Info & Accessories

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CATALOG LINK

https://biolabscientific.com/content/catalogs/6701-Catalog-Biolab.pdf

Manual Solid Phase Extraction System Series 100

Specification	Manual Solid Phase Extraction System SKU: BSPE-101	Manual Solid Phase Extraction System SKU: BSPE-102	Manual Solid Phase Extraction System SKU: BSPE-103
Capacity	12	24	36
Gas control mode	Independent control	Independent control	Independent control
Working zone size (mm)	210*100*138	210*120*138	210*140*138
Pressure display	Pressure gauge	Pressure gauge	Pressure gauge
Vacuum value	0.098Mpa	0.098Mpa	0.098Mpa



Manual Solid Phase Extraction System
SKU: BSPE-101



Manual Solid Phase Extraction System
SKU: BSPE-102



Manual Solid Phase Extraction System
SKU: BSPE-103

Manual Solid Phase Extraction System Series 200

Specification	Manual Solid Phase Extraction System SKU: BSPE-104
Handling sample type and quantity	10mm tube X1212mm tube X1215mm tube X12
Vacuum degree	≤ -0.08Mpa
Vacuum tank internal dimensions	215x57x140mm
Dimension	W.280xD.150xH.214mm
Net Weight	2.8kgs



Manual Solid Phase Extraction System
SKU: BSPE-104

BALANCE

ANALYTICAL BALANCE

OVERVIEW

Analytical balances provide high-precision weighing with readability down to 0.0001 g, minimal minimum weights and stabilization times under 3 s. Models feature internal or external calibration, compact pans around 85 mm diameter, and offer capacities from 100 g to over 220 g for laboratory analysis.

Highlights

- 0.0001 g readability
- Under 3 s stabilization
- Internal/external calibration
- 100–220 g capacity

For Detailed Technical Info & Accessories

Scan to view detailed technical information & accessories, or visit the link below.

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Analytical Balance Series 100

TABLE 1 OF 3

Specification	Analytical Balance SKU: BBAL-105	Analytical Balance SKU: BBAL-106	Analytical Balance SKU: BBAL-107	Analytical Balance SKU: BBAL-108	Analytical Balance SKU: BBAL-109
Capacity	100g	120g	200g	220g	200g
Readability	0.0001g	0.0001g	0.0001g	0.0001g	0.0001g
Min Weighing	0.0004g	0.0004g	0.0004g	0.0004g	0.0004g
Repeatability	±0.0002g	±0.0002g	±0.0002g	±0.0002g	±0.0002g
Linearity	±0.0003g	±0.0003g	±0.0003g	±0.0003g	±0.0003g



Analytical Balance
SKU: BBAL-105



Analytical Balance
SKU: BBAL-106



Analytical Balance
SKU: BBAL-107



Analytical Balance
SKU: BBAL-108



Analytical Balance
SKU: BBAL-109

Analytical Balance Series 100

TABLE 2 OF 3

Specification	Analytical Balance SKU: BBAL-110	Analytical Balance SKU: BBAL-111	Analytical Balance SKU: BBAL-112	Analytical Balance SKU: BFT-1301	Analytical Balance SKU: BFT-1401
Capacity	220g	200g	220g	100g	100g
Readability	0.0001g	0.0001g	0.0001g	0.0001g	0.0001g
Min Weighing	0.0004g	0.0004g	0.0004g	0.0004g	0.0004g
Repeatability	±0.0002g	±0.0002g	±0.0002g	±0.0002g	±0.0002g
Linearity	±0.0003g	±0.0003g	±0.0003g	±0.0003g	±0.0003g



Analytical Balance
SKU: BBAL-110



Analytical Balance
SKU: BBAL-111



Analytical Balance
SKU: BBAL-112



Analytical Balance
SKU: BFT-1301



Analytical Balance
SKU: BFT-1401

Analytical Balance Series 100

TABLE 3 OF 3

Specification	Analytical Balance SKU: BFT-1403	Analytical Balance SKU: BFT-1507
Capacity	120g	300g
Readability	0.0001g	0.0001g
Min Weighing	0.0004g	0.0004g
Repeatability	±0.0002g	±0.0002g
Linearity	±0.0003g	±0.0003g



Analytical Balance
SKU: BFT-1403



Analytical Balance
SKU: BFT-1507

Analytical Balance Series 100

Specification	Analytical Balance SKU: BFT-901
Capacity	61g
Accuracy level	I
Calibration division value	0.001g
Readability	0.00001g (0.01mg)
Minimum weighing	0.001g



Analytical Balance
SKU: BFT-901

Analytical Balance Series 100

TABLE 1 OF 2

Specification	Analytical Balance SKU: BFT-1001	Analytical Balance SKU: BFT-1002	Analytical Balance SKU: BFT-1003	Analytical Balance SKU: BFT-1004	Analytical Balance SKU: BFT-1005
Capacity	62g/120g	82g/220g	102g/220g	122g	162g
Readability	0.01mg/0.1mg	0.01mg/0.1mg	0.01mg/0.1mg	0.01mg	0.01mg
Min weighing	60mg	100mg	100mg	100mg	100mg
Stable Time	≦6s	≦6s	≦6s	≦6s	≦6s
Display	LCD(white back light with black font)	LCD(white back light with black font)	LCD(white back light with black font)	LCD(white back light with black font)	LCD(white back light with black font)



Analytical Balance
SKU: BFT-1001



Analytical Balance
SKU: BFT-1002



Analytical Balance
SKU: BFT-1003



Analytical Balance
SKU: BFT-1004



Analytical Balance
SKU: BFT-1005

Analytical Balance Series 100

TABLE 2 OF 2

Specification	Analytical Balance SKU: BFT-1006	Analytical Balance SKU: BFT-1101	Analytical Balance SKU: BFT-1102	Analytical Balance SKU: BFT-1103	Analytical Balance SKU: BFT-1104
Capacity	210g	310g	410g	510g	610g
Readability	0.01mg	0.1mg	0.1mg	0.1mg	0.1mg
Min weighing	100mg	0.4mg	0.4mg	0.4mg	0.4mg
Stable Time	≦6s	≦4s	≦4s	≦4s	≦4s
Display	LCD(white back light with black font)	LCD(white back light with black font)	LCD(white back light with black font)	LCD(white back light with black font)	LCD(white back light with black font)



Analytical Balance
SKU: BFT-1006



Analytical Balance
SKU: BFT-1101



Analytical Balance
SKU: BFT-1102



Analytical Balance
SKU: BFT-1103



Analytical Balance
SKU: BFT-1104

Analytical Balance Series 100

TABLE 1 OF 2

Specification	Analytical Balance SKU: BFT-1201	Analytical Balance SKU: BFT-1202	Analytical Balance SKU: BFT-1203	Analytical Balance SKU: BFT-1204	Analytical Balance SKU: BFT-1205
Capacity	100g	110g	120g	200g	210g
Readability	0.0001g	0.0001g	0.0001g	0.0001g	0.0001g
Min weighing	0.0004g	0.0004g	0.0004g	0.0004g	0.0004g
Display	LCD (white back light with black font)	LCD (white back light with black font)	LCD (white back light with black font)	LCD (white back light with black font)	LCD (white back light with black font)
Pan size	Φ80mm (Standard) Φ90mm (Option)	Φ80mm (Standard) Φ90mm (Option)	Φ80mm (Standard) Φ90mm (Option)	Φ80mm (Standard) Φ90mm (Option)	Φ80mm (Standard) Φ90mm (Option)



Analytical Balance
SKU: BFT-1201



Analytical Balance
SKU: BFT-1202



Analytical Balance
SKU: BFT-1203



Analytical Balance
SKU: BFT-1204



Analytical Balance
SKU: BFT-1205

Analytical Balance Series 100

TABLE 2 OF 2

Specification	Analytical Balance SKU: BFT-1206	Analytical Balance SKU: BFT-1207	Analytical Balance SKU: BFT-1209	Analytical Balance SKU: BFT-1210	Analytical Balance SKU: BFT-1212
Capacity	220g	100g	120g	200g	220g
Readability	0.0001g	0.0001g	0.0001g	0.0001g	0.0001g
Min weighing	0.0004g	0.0004g	0.0004g	0.0004g	0.0004g
Display	LCD (white back light with black font)	LCD (white back light with black font)	LCD (white back light with black font)	LCD (white back light with black font)	LCD (white back light with black font)
Pan size	Φ80mm (Standard) Φ90mm (Option)	Φ80mm (Standard) Φ90mm (Option)	Φ80mm (Standard) Φ90mm (Option)	Φ80mm (Standard) Φ90mm (Option)	Φ80mm (Standard) Φ90mm (Option)



Analytical Balance
SKU: BFT-1206



Analytical Balance
SKU: BFT-1207



Analytical Balance
SKU: BFT-1209



Analytical Balance
SKU: BFT-1210



Analytical Balance
SKU: BFT-1212

Analytical Balance Series 200

TABLE 1 OF 7

Specification	Analytical Balance SKU: BFU-5501	Analytical Balance SKU: BFU-5502	Analytical Balance SKU: BFU-5503	Analytical Balance SKU: BFU-5504	Analytical Balance SKU: BFU-5505
Weighing Range	0-20g	0-50g	0-20g	0-50g	0-20g/0-100g
Calibration	External	External	Internal	Internal	External
Readability	0.01mg	0.01mg	0.01mg	0.01mg	0.01/0.1mg
Stabilization Time	≤13S	≤13S	≤13S	≤13S	0.01mg≤13S, 0.1mg≤4S
Pan Size	Φ80mm	Φ80mm	Φ80mm	Φ80mm	Φ80mm



Analytical Balance
SKU: BFU-5501



Analytical Balance
SKU: BFU-5502



Analytical Balance
SKU: BFU-5503



Analytical Balance
SKU: BFU-5504



Analytical Balance
SKU: BFU-5505

Analytical Balance Series 200

TABLE 2 OF 7

Specification	Analytical Balance SKU: BFU-5506	Analytical Balance SKU: BFU-5507	Analytical Balance SKU: BFU-5508	Analytical Balance SKU: BFU-5509	Analytical Balance SKU: BFU-5510
Weighing Range	0-20g/0-200g	0-50g/0-100g	0-50g/0-200g	100g	120g
Calibration	External	External	External	External	External
Readability	0.01/0.1mg	0.01/0.1mg	0.01/0.1mg	0.1mg	0.1mg
Stabilization Time	0.01mg≤13S, 0.1mg≤4S	0.01mg≤13S, 0.1mg≤4S	0.01mg≤13S, 0.1mg≤4S	≤2S or 4S Switchable	≤2S or 4S Switchable
Pan Size	Φ80mm	Φ80mm	Φ80mm	Φ80mm	Φ80mm



Analytical Balance
SKU: BFU-5506



Analytical Balance
SKU: BFU-5507



Analytical Balance
SKU: BFU-5508



Analytical Balance
SKU: BFU-5509



Analytical Balance
SKU: BFU-5510

Analytical Balance Series 200

TABLE 3 OF 7

Specification	Analytical Balance SKU: BFU-5511	Analytical Balance SKU: BFU-5512	Analytical Balance SKU: BFU-5513	Analytical Balance SKU: BFU-5514	Analytical Balance SKU: BFU-5515
Weighing Range	200g	220g	300g	100g	120g
Calibration	External	External	External	Internal	Internal
Readability	0.1mg	0.1mg	0.1mg	0.1mg	0.1mg
Stabilization Time	≤2S or 4S Switchable	≤2S or 4S Switchable	≤2S or 4S Switchable	≤2S or 4S Switchable	≤2S or 4S Switchable
Pan Size	Φ80mm	Φ80mm	Φ80mm	Φ80mm	Φ80mm



Analytical Balance
SKU: BFU-5511



Analytical Balance
SKU: BFU-5512



Analytical Balance
SKU: BFU-5513



Analytical Balance
SKU: BFU-5514



Analytical Balance
SKU: BFU-5515

Analytical Balance Series 200

TABLE 4 OF 7

Specification	Analytical Balance SKU: BFU-5516	Analytical Balance SKU: BFU-5517	Analytical Balance SKU: BFU-5518	Analytical Balance SKU: BFU-5519	Analytical Balance SKU: BFU-5520
Weighing Range	200g	220g	300g	100g	200g
Calibration	Internal	Internal	Internal	External	External
Readability	0.1mg	0.1mg	0.1mg	1mg	1mg
Stabilization Time	≤2S or 4S Switchable	≤2S or 4S Switchable	≤2S or 4S Switchable	≤2S or 4S Switchable	≤2S or 4S Switchable
Pan Size	Φ80mm	Φ80mm	Φ80mm	Φ80mm	Φ80mm



Analytical Balance
SKU: BFU-5516



Analytical Balance
SKU: BFU-5517



Analytical Balance
SKU: BFU-5518



Analytical Balance
SKU: BFU-5519



Analytical Balance
SKU: BFU-5520

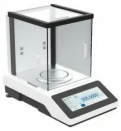
Analytical Balance Series 200

TABLE 5 OF 7

Specification	Analytical Balance SKU: BFU-5521	Analytical Balance SKU: BFU-5522	Analytical Balance SKU: BFU-5523	Analytical Balance SKU: BFU-5524	Analytical Balance SKU: BFU-5525
Weighing Range	300g	500g	100g	200g	300g
Calibration	External	External	Internal	Internal	Internal
Readability	1mg	1mg	1mg	1mg	1mg
Stabilization Time	≤2S or 4S Switchable	≤2S or 4S Switchable	≤2S or 4S Switchable	≤2S or 4S Switchable	≤2S or 4S Switchable
Pan Size	Φ80mm	Φ80mm	Φ80mm	Φ80mm	Φ80mm



Analytical Balance
SKU: BFU-5521



Analytical Balance
SKU: BFU-5522



Analytical Balance
SKU: BFU-5523



Analytical Balance
SKU: BFU-5524



Analytical Balance
SKU: BFU-5525

Analytical Balance Series 200

TABLE 6 OF 7

Specification	Analytical Balance SKU: BFU-5526	Analytical Balance SKU: BFU-5801	Analytical Balance SKU: BFU-5802	Analytical Balance SKU: BFU-5803	Analytical Balance SKU: BFU-5804
Weighing Range	500g	0-20g	0-50g	0-20g	0-50g
Calibration	Internal	External	External	Internal	Internal
Readability	1mg	0.01mg	0.01mg	0.01mg	0.01mg
Stabilization Time	≤2S or 4S Switchable	≤13S	≤13S	≤13S	≤13S
Pan Size	Φ80mm	Φ85mm	Φ85mm	Φ85mm	Φ85mm



Analytical Balance
SKU: BFU-5526



Analytical Balance
SKU: BFU-5801



Analytical Balance
SKU: BFU-5802



Analytical Balance
SKU: BFU-5803



Analytical Balance
SKU: BFU-5804

Analytical Balance Series 200

TABLE 7 OF 7

Specification	Analytical Balance SKU: BFU-5805	Analytical Balance SKU: BFU-5806	Analytical Balance SKU: BFU-5807	Analytical Balance SKU: BFU-5808
Weighing Range	0-20g/0-100g	0-20g/0-200g	0-50g/0-100g	0-50g/0-200g
Calibration	External	External	External	External
Readability	0.01/0.1mg	0.01/0.1mg	0.01/0.1mg	0.01/0.1mg
Stabilization Time	0.01mg≤13S, 0.1mg≤4S	0.01mg≤13S, 0.1mg≤4S	0.01mg≤13S, 0.1mg≤4S	0.01mg≤13S, 0.1mg≤4S
Pan Size	Φ85mm	Φ85mm	Φ85mm	Φ85mm



Analytical Balance
SKU: BFU-5805



Analytical Balance
SKU: BFU-5806



Analytical Balance
SKU: BFU-5807



Analytical Balance
SKU: BFU-5808

Analytical Balance Series 200

TABLE 1 OF 3

Specification	Analytical Balance SKU: BFU-5901	Analytical Balance SKU: BFU-5903	Analytical Balance SKU: BFU-5905	Analytical Balance SKU: BFU-5906	Analytical Balance SKU: BFU-5908
Maximum Capacity	100g	200g	300g	100g	200g
Calibration	External	External	External	Internal	Internal
Readability	0.1mg	0.1mg	0.1mg	0.1mg	0.1mg
Stabilization Time	≤4S	≤4S	≤4S	≤4S	≤4S
Pan Size	Φ85mm	Φ85mm	Φ85mm	Φ85mm	Φ85mm



Analytical Balance
SKU: BFU-5901



Analytical Balance
SKU: BFU-5903



Analytical Balance
SKU: BFU-5905



Analytical Balance
SKU: BFU-5906



Analytical Balance
SKU: BFU-5908

Analytical Balance Series 200

TABLE 2 OF 3

Specification	Analytical Balance SKU: BFU-5910	Analytical Balance SKU: BFU-5911	Analytical Balance SKU: BFU-5912	Analytical Balance SKU: BFU-5914	Analytical Balance SKU: BFU-5916
Maximum Capacity	300g	100g	200g	300g	100g
Calibration	Internal	External	External	External	Internal
Readability	0.1mg	1mg	1mg	1mg	1mg
Stabilization Time	≤4S	≤4S	≤4S	≤4S	≤4S
Pan Size	Φ85mm	Φ85mm	Φ85mm	Φ85mm	Φ85mm



Analytical Balance
SKU: BFU-5910



Analytical Balance
SKU: BFU-5911



Analytical Balance
SKU: BFU-5912



Analytical Balance
SKU: BFU-5914



Analytical Balance
SKU: BFU-5916

Analytical Balance Series 200

TABLE 3 OF 3

Specification	Analytical Balance SKU: BFU-5917	Analytical Balance SKU: BFU-5919
Maximum Capacity	200g	300g
Calibration	Internal	Internal
Readability	1mg	1mg
Stabilization Time	≤4S	≤4S
Pan Size	Φ85mm	Φ85mm



Analytical Balance
SKU: BFU-5917



Analytical Balance
SKU: BFU-5919

Analytical Balance Series 200

TABLE 1 OF 3

Specification	Analytical Balance SKU: BFU-6001	Analytical Balance SKU: BFU-6002	Analytical Balance SKU: BFU-6003	Analytical Balance SKU: BFU-6004	Analytical Balance SKU: BFU-6005
Weighing Range	0-100g	0-120g	0-200g	0-210g	0-220g
Calibration	External	External	External	External	External
Readability	0.1mg	0.1mg	0.1mg	0.1mg	0.1mg
Pan Size	Φ85mm	Φ85mm	Φ85mm	Φ85mm	Φ85mm
Dimension/N.W.	350*215*340mm/8KG	350*215*340mm/8KG	350*215*340mm/8KG	350*215*340mm/8KG	350*215*340mm/8KG



Analytical Balance
SKU: BFU-6001



Analytical Balance
SKU: BFU-6002



Analytical Balance
SKU: BFU-6003



Analytical Balance
SKU: BFU-6004



Analytical Balance
SKU: BFU-6005

Analytical Balance Series 200

TABLE 2 OF 3

Specification	Analytical Balance SKU: BFU-6007	Analytical Balance SKU: BFU-6008	Analytical Balance SKU: BFU-6009	Analytical Balance SKU: BFU-6011	Analytical Balance SKU: BFU-6101
Weighing Range	0-100g	0-120g	0-200g	0-220g	0-100g
Calibration	Internal	Internal	Internal	Internal	External
Readability	0.1mg	0.1mg	0.1mg	0.1mg	1mg
Pan Size	Φ85mm	Φ85mm	Φ85mm	Φ85mm	Φ85mm
Dimension/N.W.	350*215*340mm/8KG	350*215*340mm/8KG	350*215*340mm/8KG	350*215*340mm/8KG	350*215*340mm/8KG



Analytical Balance
SKU: BFU-6007



Analytical Balance
SKU: BFU-6008



Analytical Balance
SKU: BFU-6009



Analytical Balance
SKU: BFU-6011



Analytical Balance
SKU: BFU-6101

Analytical Balance Series 200

TABLE 3 OF 3

Specification	Analytical Balance SKU: BFU-6103	Analytical Balance SKU: BFU-6107	Analytical Balance SKU: BFU-6108	Analytical Balance SKU: BFU-6109	Analytical Balance SKU: BFU-6110
Weighing Range	0-200g	0-300g	0-500g	0-100g	0-200g
Calibration	External	External	External	Internal	Internal
Readability	1mg	1mg	1mg	1mg	1mg
Pan Size	Φ85mm	Φ85mm	Φ85mm	Φ85mm	Φ85mm
Dimension/N.W.	350*215*340mm/8KG	350*215*340mm/8KG	350*215*340mm/8KG	350*215*340mm/8KG	350*215*340mm/8KG



Analytical Balance
SKU: BFU-6103



Analytical Balance
SKU: BFU-6107



Analytical Balance
SKU: BFU-6108



Analytical Balance
SKU: BFU-6109



Analytical Balance
SKU: BFU-6110

BALANCE

DENSITY BALANCE

OVERVIEW

Density balances measure weight and density using hydrostatic principles. They feature capacities around 5.1 kg with 0.1 g readability, metal bases with large stainless pans, digital displays, tare and counting functions and overload alarms. Optional interfaces allow data transfer or printing for quality control.

Highlights

- Hydrostatic measurement
- 5 kg capacity
- 0.1 g readability
- Overload alarm

For Detailed Technical Info & Accessories

Scan to view detailed technical information & accessories, or visit the link below.

CATALOG LINK

https://biolabscientific.com/content/catalogs/3103-Catalog-Biolab.pdf

Density Balance Series 100

TABLE 1 OF 3

Specification	Density Balance SKU: BBAL-302	Density Balance SKU: BFT-2401	Density Balance SKU: BFT-2402	Density Balance SKU: BFT-2502	Density Balance SKU: BFT-2504
Type	Solid	Solid	Liquid	Solid	Gold
Capacity	210g	310g	310g	310g	210g
WR	0.001g	0.01g	0.01g	0.005g	0.001g
DR	0.001g/cm³	0.001g/cm³	0.001g/cm³	0.001g/cm³	0.001g/cm³
Test Capacity	0.001-99.999g/cm³	0.001-99.999g/cm³	0.001-99.999g/cm³	0.001-99.999g/cm³	0.001-99.999g/cm³



Density Balance
SKU: BBAL-302



Density Balance
SKU: BFT-2401



Density Balance
SKU: BFT-2402



Density Balance
SKU: BFT-2502



Density Balance
SKU: BFT-2504

Density Balance Series 100

TABLE 2 OF 3

Specification	Density Balance SKU: BFT-2505	Density Balance SKU: BFT-2507	Density Balance SKU: BFT-2508	Density Balance SKU: BFT-2510	Density Balance SKU: BFT-2511
Type	Gold	Absorbent	Absorbent	Liquid	Liquid
Capacity	310g	210g	310g	210g	310g
WR	0.005g	0.001g	0.005g	0.001g	0.005g
DR	0.001g/cm³	0.001g/cm³	0.001g/cm³	0.001g/cm³	0.001g/cm³
Test Capacity	0.001-99.999g/cm³	0.001-99.999g/cm³	0.001-99.999g/cm³	0.001-99.999g/cm³	0.001-99.999g/cm³



Density Balance
SKU: BFT-2505



Density Balance
SKU: BFT-2507



Density Balance
SKU: BFT-2508



Density Balance
SKU: BFT-2510



Density Balance
SKU: BFT-2511

Density Balance Series 100

TABLE 3 OF 3

Specification	Density Balance SKU: BFT-2513	Density Balance SKU: BFT-2514	Density Balance SKU: BFT-2601	Density Balance SKU: BFT-2602
Type	Powder	Powder	solid	Liquid
Capacity	210g	310g	220g	220g
WR	0.001g	0.005g	0.0001g	0.0001g
DR	0.001g/cm³	0.001g/cm³	0.0001g/cm³	0.0001g/cm³
Test Capacity	0.001-99.999g/cm³	0.001-99.999g/cm³	0.0001-99.9999g/cm³	0.0001-99.9999g/cm³



Density Balance
SKU: BFT-2513



Density Balance
SKU: BFT-2514



Density Balance
SKU: BFT-2601



Density Balance
SKU: BFT-2602

Density Balance Series 100

Specification	Density Balance SKU: BFT-2701
Capacity	5100g
Readability	0.1g
Min Weighing	0.4g
Repeatability	±0.2g
Linearity	±0.3g



Density Balance
SKU: BFT-2701

BALANCE

PRECISION BALANCE

OVERVIEW

Precision balances deliver accurate weight measurements across capacities from roughly 110 g to 10 kg. Models feature digital LCD displays, stainless steel weighing pans, AC/DC or battery power, and functions like tare, counting and unit conversion with overload protection for reliable laboratory weighing.

Highlights

- 110 g–10 kg capacities
- LCD display interface
- Stainless steel pan
- Tare and counting functions

For Detailed Technical Info & Accessories

Scan to view detailed technical information & accessories, or visit the link below.

CATALOG LINK

https://biolabscientific.com/content/catalogs/3102-Catalog-Biolab.pdf

Precision Balance Series 100

TABLE 1 OF 4

Specification	Precision Balance SKU: BBAL-101	Precision Balance SKU: BBAL-102	Precision Balance SKU: BBAL-103	Precision Balance SKU: BBAL-104	Precision Balance SKU: BBAL-220
Capacity	110g	210g	300g	500g	110g
Readability	0.001g	0.001g	0.001g	0.001g	0.001g
Min Weighing	0.004g	0.004g	0.004g	0.004g	0.001g-0.004g
Repeatability	±0.002g	±0.002g	±0.002g	±0.002g	±0.002g
Linearity	±0.003g	±0.003g	±0.003g	±0.003g	±0.003g



Precision Balance
SKU: BBAL-101



Precision Balance
SKU: BBAL-102



Precision Balance
SKU: BBAL-103



Precision Balance
SKU: BBAL-104



Precision Balance
SKU: BBAL-220

Precision Balance Series 100

TABLE 2 OF 4

Specification	Precision Balance SKU: BBAL-221	Precision Balance SKU: BBAL-222	Precision Balance SKU: BFT-1601	Precision Balance SKU: BFT-1604	Precision Balance SKU: BFT-1605
Capacity	210g	310g	200g	600g	1000g
Readability	0.001g	0.001g	0.001g	0.001g	0.001g
Min Weighing	0.001g-0.004g	0.001g-0.004g	0.004g	0.004g	0.004g
Repeatability	±0.002g	±0.002g	±0.002g	±0.002g	±0.002g
Linearity	±0.003g	±0.003g	±0.003g	±0.003g	±0.003g



Precision Balance
SKU: BBAL-221



Precision Balance
SKU: BBAL-222



Precision Balance
SKU: BFT-1601



Precision Balance
SKU: BFT-1604



Precision Balance
SKU: BFT-1605

Precision Balance Series 100

TABLE 3 OF 4

Specification	Precision Balance SKU: BFT-1606	Precision Balance SKU: BFT-1607	Precision Balance SKU: BFT-1608	Precision Balance SKU: BFT-1609	Precision Balance SKU: BFT-1610
Capacity	1200g	200g	300g	500g	600g
Readability	0.001g	0.001g	0.001g	0.001g	0.001g
Min Weighing	0.004g	0.004g	0.004g	0.004g	0.004g
Repeatability	±0.002g	±0.002g	±0.002g	±0.002g	±0.002g
Linearity	±0.003g	±0.003g	±0.003g	±0.003g	±0.003g



Precision Balance
SKU: BFT-1606



Precision Balance
SKU: BFT-1607



Precision Balance
SKU: BFT-1608



Precision Balance
SKU: BFT-1609



Precision Balance
SKU: BFT-1610

Precision Balance Series 100

TABLE 4 OF 4

Specification	Precision Balance SKU: BFT-1701	Precision Balance SKU: BFT-1702	Precision Balance SKU: BFT-1804	Precision Balance SKU: BFT-1903
Capacity	200g	500g	110g/610g	310g
Readability	0.001g	0.001g	0.001g/0.01g	0.001g
Min weighing	0.004g	0.004g	—	—
Repeatability	±0.002g	±0.002g	±2d	±0.002g
Linearity	±0.003g	±0.003g	±3d	±0.003g



Precision Balance
SKU: BFT-1701



Precision Balance
SKU: BFT-1702



Precision Balance
SKU: BFT-1804



Precision Balance
SKU: BFT-1903

Precision Balance Series 100

TABLE 1 OF 3

Specification	Precision Balance SKU: BBAL-201	Precision Balance SKU: BBAL-202	Precision Balance SKU: BBAL-203	Precision Balance SKU: BBAL-204	Precision Balance SKU: BBAL-205
Capacity	610g	1100g	2100g	3100g	5100g
Readability	0.1g	0.1g	0.1g	0.1g	0.1g
Repeatability	±0.2g	±0.2g	±0.2g	±0.2g	±0.2g
Linearity	±0.3g	±0.3g	±0.3g	±0.3g	±0.3g
Pan Size	Φ130mm	Φ130mm	Φ130mm	160x160mm	160x160mm



Precision Balance
SKU: BBAL-201



Precision Balance
SKU: BBAL-202



Precision Balance
SKU: BBAL-203



Precision Balance
SKU: BBAL-204



Precision Balance
SKU: BBAL-205

Precision Balance Series 100

TABLE 2 OF 3

Specification	Precision Balance SKU: BBAL-214	Precision Balance SKU: BBAL-215	Precision Balance SKU: BBAL-216	Precision Balance SKU: BBAL-217	Precision Balance SKU: BBAL-218
Capacity	2100g	3100g	210g	310g	610g
Readability	0.01g	0.01g	0.01g	0.01g	0.01g
Repeatability	±0.02g	±0.02g	±0.02g	±0.02g	±0.02g
Linearity	±0.03g	±0.03g	±0.03g	±0.03g	±0.03g
Pan Size	Φ130mm	Φ130mm	Φ130mm	Φ130mm	Φ130mm



Precision Balance
SKU: BBAL-214



Precision Balance
SKU: BBAL-215



Precision Balance
SKU: BBAL-216



Precision Balance
SKU: BBAL-217



Precision Balance
SKU: BBAL-218

Precision Balance Series 100

TABLE 3 OF 3

Specification	Precision Balance SKU: BBAL-219	Precision Balance SKU: BBAL-223	Precision Balance SKU: BBAL-224	Precision Balance SKU: BBAL-225
Capacity	1100g	3000g	4000g	5000g
Readability	0.01g	0.01g	0.01g	0.01g
Repeatability	±0.02g	±0.02g	±0.02g	±0.02g
Linearity	±0.03g	±0.03g	±0.03g	±0.03g
Pan Size	Φ130mm	180*180mm	180*180mm	180*180mm



Precision Balance
SKU: BBAL-219



Precision Balance
SKU: BBAL-223



Precision Balance
SKU: BBAL-224



Precision Balance
SKU: BBAL-225

Precision Balance Series 100

Specification	Precision Balance SKU: BFT-2301	Precision Balance SKU: BFT-2302	Precision Balance SKU: BFT-2303
Capacity	3000g	6000g	10000g
Readability	0.1g	0.5g	1g
Repeatability	0.2g	1.0g	2g
Linearity	0.3g	1.5g	3g
Min Weighing	0.4g	2.0g	4g



Precision Balance
SKU: BFT-2301



Precision Balance
SKU: BFT-2302



Precision Balance
SKU: BFT-2303

Precision Balance Series 200

TABLE 1 OF 5

Specification	Precision Balance SKU: BFU-5601	Precision Balance SKU: BFU-5602	Precision Balance SKU: BFU-5603	Precision Balance SKU: BFU-5604	Precision Balance SKU: BFU-5605
Weighing Range	0~500g	0~600g	0~1000g	0~2000g	0~2200g
Readability	10mg	10mg	10mg	10mg	10mg
Pan Size	255*190mm	255*190mm	255*190mm	255*190mm	255*190mm
Dimension/N.W.	280*200*60mm/ 1.8kg	280*200*60mm/ 1.8kg	280*200*60mm/ 1.8kg	280*200*60mm/ 1.8kg	280*200*60mm/ 1.8kg
Shipping Size/G.W.	320*280*150mm/ 2.5kg	320*280*150mm/ 2.5kg	320*280*150mm/ 2.5kg	320*280*150mm/ 2.5kg	320*280*150mm/ 2.5kg



Precision Balance
SKU: BFU-5601



Precision Balance
SKU: BFU-5602



Precision Balance
SKU: BFU-5603



Precision Balance
SKU: BFU-5604



Precision Balance
SKU: BFU-5605

Precision Balance Series 200

TABLE 2 OF 5

Specification	Precision Balance SKU: BFU-5606	Precision Balance SKU: BFU-5607	Precision Balance SKU: BFU-5608	Precision Balance SKU: BFU-5609	Precision Balance SKU: BFU-5610
Weighing Range	0~3000g	0~4000g	0~4200g	0~5000g	0~6000g
Readability	10mg	10mg	10mg	10mg	10mg
Pan Size	255*190mm	255*190mm	255*190mm	255*190mm	255*190mm
Dimension/N.W.	280*200*60mm/ 1.8kg	280*200*60mm/ 1.8kg	280*200*60mm/ 1.8kg	280*200*60mm/ 1.8kg	280*200*60mm/ 1.8kg
Shipping Size/G.W.	320*280*150mm/ 2.5kg	320*280*150mm/ 2.5kg	320*280*150mm/ 2.5kg	320*280*150mm/ 2.5kg	320*280*150mm/ 2.5kg



Precision Balance
SKU: BFU-5606



Precision Balance
SKU: BFU-5607



Precision Balance
SKU: BFU-5608



Precision Balance
SKU: BFU-5609



Precision Balance
SKU: BFU-5610

Precision Balance Series 200

TABLE 3 OF 5

Specification	Precision Balance SKU: BFU-5611	Precision Balance SKU: BFU-5612	Precision Balance SKU: BFU-5613	Precision Balance SKU: BFU-5614	Precision Balance SKU: BFU-5615
Weighing Range	0~1000g	0~2000g	0~3000g	0~4000g	0~5000g
Readability	100mg	100mg	100mg	100mg	100mg
Pan Size	255*190mm	255*190mm	255*190mm	255*190mm	255*190mm
Dimension/N.W.	280*200*60mm/ 1.8kg	280*200*60mm/ 1.8kg	280*200*60mm/ 1.8kg	280*200*60mm/ 1.8kg	280*200*60mm/ 1.8kg
Shipping Size/G.W.	320*280*150mm/ 2.5kg	320*280*150mm/ 2.5kg	320*280*150mm/ 2.5kg	320*280*150mm/ 2.5kg	320*280*150mm/ 2.5kg



Precision Balance
SKU: BFU-5611



Precision Balance
SKU: BFU-5612



Precision Balance
SKU: BFU-5613



Precision Balance
SKU: BFU-5614



Precision Balance
SKU: BFU-5615

Precision Balance Series 200

TABLE 4 OF 5

Specification	Precision Balance SKU: BFU-5616	Precision Balance SKU: BFU-5617	Precision Balance SKU: BFU-5618	Precision Balance SKU: BFU-5619	Precision Balance SKU: BFU-5620
Weighing Range	0~6000g	0~8000g	0~10000g	0~20000g	0-10000g
Readability	100mg	100mg	100mg	100mg	1g
Pan Size	255*190mm	255*190mm	255*190mm	255*190mm	255*190mm
Dimension/N.W.	280*200*60mm/ 1.8kg	280*200*60mm/ 1.8kg	280*200*60mm/ 1.8kg	280*200*60mm/ 1.8kg	280*200*60mm/ 1.8kg
Shipping Size/G.W.	320*280*150mm/ 2.5kg	320*280*150mm/ 2.5kg	320*280*150mm/ 2.5kg	320*280*150mm/ 2.5kg	320*280*150mm/ 2.5kg



Precision Balance
SKU: BFU-5616



Precision Balance
SKU: BFU-5617



Precision Balance
SKU: BFU-5618



Precision Balance
SKU: BFU-5619



Precision Balance
SKU: BFU-5620

Precision Balance Series 200

TABLE 5 OF 5

Specification	Precision Balance SKU: BFU-5621	Precision Balance SKU: BFU-5622	Precision Balance SKU: BFU-5623
Weighing Range	0-15000g	0-20000g	0-30000g
Readability	1g	1g	1g
Pan Size	255*190mm	255*190mm	255*190mm
Dimension/N.W.	280*200*60mm/ 1.8kg	280*200*60mm/ 1.8kg	280*200*60mm/ 1.8kg
Shipping Size/G.W.	320*280*150mm/ 2.5kg	320*280*150mm/ 2.5kg	320*280*150mm/ 2.5kg



Precision Balance
SKU: BFU-5621



Precision Balance
SKU: BFU-5622



Precision Balance
SKU: BFU-5623

BALANCE

TEXTILE BALANCE

OVERVIEW

Textile balances provide precise weight measurement for yarns, raw silk and textile samples with capacities from 110 g to 12 110 g and readabilities down to 0.001 g. Models include Daniel, count and raw silk testers with various pan sizes for versatile textile analysis.

Highlights

- Wide capacity range
- High readability
- Large pan options
- Textile-specific models

For Detailed Technical Info & Accessories

Scan to view detailed technical information & accessories, or visit the link below.

CATALOG LINK

https://biolabscientific.com/content/catalogs/3105-Catalog-Biolab.pdf

Textile Balance Series 100

Specification	Textile Balance SKU: BFT-2801	Textile Balance SKU: BFT-2901
Capacity	110g (99.5D)	210g
Readability	0.001g (0.5D)	0.001g
Min Weighing	0.004g	0.004g
Repeatability	±0.002g	±0.002g
Linearity	±0.003g	±0.003g



Textile Balance
SKU: BFT-2801



Textile Balance
SKU: BFT-2901

Textile Balance Series 100

Specification	Textile Balance SKU: BFT-3101	Textile Balance SKU: BFT-3102
Capacity	310g	610g
Readability	0.01g	0.01g
Min Weighing	0.04g	0.04g
Pan Size	Φ130mm	Φ130mm
Temperature	5-25°C	5-25°C



Textile Balance
SKU: BFT-3101



Textile Balance
SKU: BFT-3102

Textile Balance Series 100

Specification	Textile Balance SKU: BFT-3301	Textile Balance SKU: BFT-3302	Textile Balance SKU: BFT-3303	Textile Balance SKU: BFT-3304
Capacity	6200g	8200g	10100g	12100g
Readability	0.01g	0.01g	0.01g	0.01g
Pan Size	195*175mm	195*175mm	195*175mm	195*175mm
Repeatability	0.01g	0.01g	0.01g	0.01g
Linearity	±0.03g	±0.03g	±0.03g	±0.03g



Textile Balance
SKU: BFT-3301



Textile Balance
SKU: BFT-3302



Textile Balance
SKU: BFT-3303



Textile Balance
SKU: BFT-3304

BALANCE

WEIGHING SCALE

OVERVIEW

Weighing scales provide electronic balances for everyday laboratory weighing. Models cover ranges from 0-100 g up to 3000 g, with readabilities of 10-100 mg and pan diameters around 130 mm. An industrial variant offers a 5.1 kg capacity with 0.1 g readability.

Highlights

- 0-3 kg capacity
- 10-100 mg readability
- 130 mm pan size
- 5 kg industrial model

For Detailed Technical Info & Accessories

Scan to view detailed technical information & accessories, or visit the link below.

CATALOG LINK

https://biolabscientific.com/content/catalogs/3104-Catalog-Biolab.pdf

Weighing Scale Series 100

Specification	Weighing Scale SKU: BET-4201	Weighing Scale SKU: BET-4202
Number of trays	4	6
Max weight capacity x scale resolution (g)	1000x1 (weighing range: 0~5,000g, with 1,000g as the standard configuration)	1000x1 (weighing range: 0~5,000g, with 1,000g as the standard configuration)
Repeatability	±1g	±1g
Linear	±1g	±1g
Tare range	0 ~ Max weight capacity	0 ~ Max weight capacity



Weighing Scale
SKU: BET-4201



Weighing Scale
SKU: BET-4202

Weighing Scale Series 200

TABLE 1 OF 2

Specification	Weighing Scale SKU: BBAL-402	Weighing Scale SKU: BBAL-403	Weighing Scale SKU: BBAL-404	Weighing Scale SKU: BBAL-405	Weighing Scale SKU: BBAL-406
Readability	0.1g	0.1g	0.1g	0.1g	1g
Capacity	5.1kg	11kg	16kg	21kg	11kg
Repeatability	±0.2g	±0.2g	±0.2g	±0.2g	±2g
Linearity	±0.3g	±0.3g	±0.3g	±0.3g	±3g
Pan Size	315x230mm	315x230mm	315x230mm	315x230mm	315x230mm



Weighing Scale
SKU: BBAL-402



Weighing Scale
SKU: BBAL-403



Weighing Scale
SKU: BBAL-404



Weighing Scale
SKU: BBAL-405



Weighing Scale
SKU: BBAL-406

Weighing Scale Series 200

TABLE 2 OF 2

Specification	Weighing Scale SKU: BBAL-407	Weighing Scale SKU: BBAL-408	Weighing Scale SKU: BBAL-409	Weighing Scale SKU: BFT-3809	Weighing Scale SKU: BFT-3810
Readability	1g	1g	1g	0.1g	0.1g
Capacity	16kg	21kg	31kg	26kg	28kg
Repeatability	±2g	±2g	±2g	±0.2g	±0.2g
Linearity	±3g	±3g	±3g	±0.3g	±0.3g
Pan Size	315x230mm	315x230mm	315x230mm	315x230mm	315x230mm



Weighing Scale
SKU: BBAL-407



Weighing Scale
SKU: BBAL-408



Weighing Scale
SKU: BBAL-409



Weighing Scale
SKU: BFT-3809



Weighing Scale
SKU: BFT-3810

Weighing Scale Series 200

TABLE 1 OF 2

Specification	Weighing Scale SKU: BBAL-410	Weighing Scale SKU: BBAL-411	Weighing Scale SKU: BBAL-412	Weighing Scale SKU: BBAL-413	Weighing Scale SKU: BBAL-414
Capacity	61kg	110kg	160kg	210kg	310kg
Readability	10g	10g	10g	10g	10g
Repeatability	±20g	±20g	±20g	±20g	±20g
Linearity	±30g	±30g	±30g	±30g	±30g
Pan Size	400x500mm	400x500mm	400x500mm	400x500mm	400x500mm



Weighing Scale
SKU: BBAL-410



Weighing Scale
SKU: BBAL-411



Weighing Scale
SKU: BBAL-412



Weighing Scale
SKU: BBAL-413



Weighing Scale
SKU: BBAL-414

Weighing Scale Series 200

TABLE 2 OF 2

Specification	Weighing Scale SKU: BBAL-415	Weighing Scale SKU: BBAL-417	Weighing Scale SKU: BBAL-418	Weighing Scale SKU: BBAL-419
Capacity	510kg	61kg	110kg	160kg
Readability	50g	1g	1g	1g
Repeatability	±100g	±2g	±2g	±2g
Linearity	±150g	±3g	±3g	±3g
Pan Size	600x800mm	400x500mm	400x500mm	400x500mm



Weighing Scale
SKU: BBAL-415



Weighing Scale
SKU: BBAL-417



Weighing Scale
SKU: BBAL-418



Weighing Scale
SKU: BBAL-419

Weighing Scale Series 300

TABLE 1 OF 6

Specification	Weighing Scale SKU: BFU-6201	Weighing Scale SKU: BFU-6202	Weighing Scale SKU: BFU-6203	Weighing Scale SKU: BFU-6204	Weighing Scale SKU: BFU-6205
Weighing Range	0~100g	0~200g	0~300g	0~400g	0~500g
Readability	10mg	10mg	10mg	10mg	10mg
Pan Size	Φ130mm	Φ130mm	Φ130mm	Φ130mm	Φ130mm
Dimension/N.W.	280*200*60mm/ 1.8kg	280*200*60mm/ 1.8kg	280*200*60mm/ 1.8kg	280*200*60mm/ 1.8kg	280*200*60mm/ 1.8kg
Shipping Size/G.W.	320*280*150mm/ 2.5kg	320*280*150mm/ 2.5kg	320*280*150mm/ 2.5kg	320*280*150mm/ 2.5kg	320*280*150mm/ 2.5kg



Weighing Scale
SKU: BFU-6201



Weighing Scale
SKU: BFU-6202



Weighing Scale
SKU: BFU-6203



Weighing Scale
SKU: BFU-6204



Weighing Scale
SKU: BFU-6205

Weighing Scale Series 300

TABLE 2 OF 6

Specification	Weighing Scale SKU: BFU-6206	Weighing Scale SKU: BFU-6207	Weighing Scale SKU: BFU-6208	Weighing Scale SKU: BFU-6209	Weighing Scale SKU: BFU-6210
Weighing Range	0~600g	0~1000g	0~2000g	0~3000g	0~200g
Readability	10mg	10mg	10mg	10mg	100mg
Pan Size	Φ130mm	Φ130mm	Φ130mm	Φ130mm	Φ130mm
Dimension/N.W.	280*200*60mm/ 1.8kg	280*200*60mm/ 1.8kg	280*200*60mm/ 1.8kg	280*200*60mm/ 1.8kg	280*200*60mm/ 1.8kg
Shipping Size/G.W.	320*280*150mm/ 2.5kg	320*280*150mm/ 2.5kg	320*280*150mm/ 2.5kg	320*280*150mm/ 2.5kg	320*280*150mm/ 2.5kg



Weighing Scale
SKU: BFU-6206



Weighing Scale
SKU: BFU-6207



Weighing Scale
SKU: BFU-6208



Weighing Scale
SKU: BFU-6209



Weighing Scale
SKU: BFU-6210

Weighing Scale Series 300

TABLE 3 OF 6

Specification	Weighing Scale SKU: BFU-6211	Weighing Scale SKU: BFU-6212	Weighing Scale SKU: BFU-6213	Weighing Scale SKU: BFU-6214	Weighing Scale SKU: BFU-6215
Weighing Range	0~400g	0~600g	0~800g	0~1000g	0~2000g
Readability	100mg	100mg	100mg	100mg	100mg
Pan Size	Φ130mm	Φ130mm	Φ130mm	Φ130mm	Φ165mm
Dimension/N.W.	280*200*60mm/ 1.8kg	280*200*60mm/ 1.8kg	280*200*60mm/ 1.8kg	280*200*60mm/ 1.8kg	280*200*60mm/ 1.8kg
Shipping Size/G.W.	320*280*150mm/ 2.5kg	320*280*150mm/ 2.5kg	320*280*150mm/ 2.5kg	320*280*150mm/ 2.5kg	320*280*150mm/ 2.5kg



Weighing Scale
SKU: BFU-6211



Weighing Scale
SKU: BFU-6212



Weighing Scale
SKU: BFU-6213



Weighing Scale
SKU: BFU-6214



Weighing Scale
SKU: BFU-6215

Weighing Scale Series 300

TABLE 4 OF 6

Specification	Weighing Scale SKU: BFU-6216	Weighing Scale SKU: BFU-6217	Weighing Scale SKU: BFU-6218	Weighing Scale SKU: BFU-6219	Weighing Scale SKU: BFU-6220
Weighing Range	0~3000g	0~4000g	0~5000g	0~6000g	0~1000g
Readability	100mg	100mg	100mg	100mg	1g
Pan Size	Φ165mm	Φ165mm	Φ165mm	Φ165mm	Φ165mm
Dimension/N.W.	280*200*60mm/ 1.8kg	280*200*60mm/ 1.8kg	280*200*60mm/ 1.8kg	280*200*60mm/ 1.8kg	280*200*60mm/ 1.8kg
Shipping Size/G.W.	320*280*150mm/ 2.5kg	320*280*150mm/ 2.5kg	320*280*150mm/ 2.5kg	320*280*150mm/ 2.5kg	320*280*150mm/ 2.5kg



Weighing Scale
SKU: BFU-6216



Weighing Scale
SKU: BFU-6217



Weighing Scale
SKU: BFU-6218



Weighing Scale
SKU: BFU-6219



Weighing Scale
SKU: BFU-6220

Weighing Scale Series 300

TABLE 5 OF 6

Specification	Weighing Scale SKU: BFU-6221	Weighing Scale SKU: BFU-6222	Weighing Scale SKU: BFU-6223	Weighing Scale SKU: BFU-6224	Weighing Scale SKU: BFU-6225
Weighing Range	0~2000g	0~3000g	0-5000g	0-6000g	0~8000g
Readability	1g	1g	1g	1g	100mg
Pan Size	Φ165mm	Φ165mm	Φ165mm	Φ165mm	255*190mm
Dimension/N.W.	280*200*60mm/ 1.8kg	280*200*60mm/ 1.8kg	280*200*60mm/ 1.8kg	280*200*60mm/ 1.8kg	320*220*100mm/ 2.5kg
Shipping Size/G.W.	320*280*150mm/ 2.5kg	320*280*150mm/ 2.5kg	320*280*150mm/ 2.5kg	320*280*150mm/ 2.5kg	360*300*185mm/ 3.3kg



Weighing Scale
SKU: BFU-6221



Weighing Scale
SKU: BFU-6222



Weighing Scale
SKU: BFU-6223



Weighing Scale
SKU: BFU-6224



Weighing Scale
SKU: BFU-6225

Weighing Scale Series 300

TABLE 6 OF 6

Specification	Weighing Scale SKU: BFU-6226	Weighing Scale SKU: BFU-6227	Weighing Scale SKU: BFU-6228	Weighing Scale SKU: BFU-6230	Weighing Scale SKU: BFU-6231
Weighing Range	0-10000g	0-20000g	0-10000g	0-20000g	0-30000g
Readability	0.1g	0.1g	1g	1g	1g
Pan Size	255*190mm	255*190mm	255*190mm	255*190mm	255*190mm
Dimension/N.W.	320*220*100mm/ 2.5kg	320*220*100mm/ 2.5kg	320*220*100mm/ 2.5kg	320*220*100mm/ 2.5kg	320*220*100mm/ 2.5kg
Shipping Size/G.W.	360*300*185mm/ 3.3kg	360*300*185mm/ 3.3kg	360*300*185mm/ 3.3kg	360*300*185mm/ 3.3kg	360*300*185mm/ 3.3kg



Weighing Scale
SKU: BFU-6226



Weighing Scale
SKU: BFU-6227



Weighing Scale
SKU: BFU-6228



Weighing Scale
SKU: BFU-6230



Weighing Scale
SKU: BFU-6231

BATH AND CIRCULATOR

COLD TRAP BATH

OVERVIEW

Cold trap baths collect solvent vapors by immersing glass condensers or using closed refrigeration circuits. Models reach minimum temperatures from −40 °C to −80 °C and include safety features such as delayed compressor start, leakage and over-current protection.

Highlights

- −40 to −80 °C cooling
- Glass condenser immersion
- Closed circulation systems
- Compressor safety features

For Detailed Technical Info & Accessories

Scan to view detailed technical information & accessories, or visit the link below.

CATALOG LINK

https://biolabscientific.com/content/catalogs/1309-Catalog-Biolab.pdf

Cold Trap Bath Series 100

Specification	Cold Trap Bath SKU: BET-201	Cold Trap Bath SKU: BET-202	Cold Trap Bath SKU: BET-203
Circulation method	Closed circulation	Closed circulation	Closed circulation
Freezing method	Refrigeration compressor, eco-friendly refrigerants	Refrigeration compressor, eco-friendly refrigerants	Refrigeration compressor, eco-friendly refrigerants
Max power	300W	320W	380W
Temperatures of working environments	15°C-30°C	15°C-30°C	15°C-30°C
Extreme temperature	-40°C	-40°C	-50°C



Cold Trap Bath
SKU: BET-201



Cold Trap Bath
SKU: BET-202



Cold Trap Bath
SKU: BET-203

Cold Trap Bath Series 200

Specification	Cold Trap Bath SKU: BBCT-2501	Cold Trap Bath SKU: BBCT-2502
Collection methods	Immersion of Glass Condenser	Immersion of Glass Condenser
Collection amount	Max. 0.5Kg	Max. 0.4Kg
Lowest temp	-40°C	-80°C
Safety function	Delayed Start of Compressor, Leakage, Overcurrent, Overvoltage Protection	Delayed Start of Compressor, Leakage, Overcurrent, Overvoltage Protection
Refrigerating capacity	Air Cooling 150W R404A	Air Cooling 55W R404A, R23



Cold Trap Bath
SKU: BBCT-2501



Cold Trap Bath
SKU: BBCT-2502

DRY BATH INCUBATOR

OVERVIEW

Dry bath incubators offer block heating for tubes or microplates. Units support temperature ranges from ambient +5 °C up to 100–150 °C with digital displays, stability around ±0.5 °C, interchangeable blocks and timers from 1 minute to 99 hours. Options include heated lids or cooling functions for versatile sample incubation.

Highlights

- Up to 150 °C
- ±0.5 °C stability
- Interchangeable blocks
- Programmable timer

For Detailed Technical Info & Accessories

Scan to view detailed technical information & accessories, or visit the link below.

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Dry Bath Incubator Series 100

Specification	Dry Bath Incubator SKU: BDIB-101	Dry Bath Incubator SKU: BDIB-105	Dry Bath Incubator SKU: BDIB-111
Temp. Control Range	R.T.+5°C~100°C	-10°C~100°C	4°C constant
Temp. Max. Decrease	/	R.T. decreases 30°C@R.T. 26°C	/
Temp. Setting Range	5°C~100°C	-10°C~100°C	4°C
Temp. Stability@100°C	±0.5°C	±0.5°C	/
Temp. Stability@40°C	±0.3°C	±0.3°C	/



Dry Bath Incubator
SKU: BDIB-101



Dry Bath Incubator
SKU: BDIB-105



Dry Bath Incubator
SKU: BDIB-111

Dry Bath Incubator Series 100

Specification	Dry Bath Incubator SKU: BDIB-102	Dry Bath Incubator SKU: BDIB-103	Dry Bath Incubator SKU: BDIB-104	Dry Bath Incubator SKU: BDIB-115
Temp. Control Range	R.T.+5°C~150°C	R.T.+5°C~150°C	R.T.+5°C~120°C	R.T.+5°C~150°C
Temp. Setting Range	5°C~150°C	5°C~150°C	5°C~120°C	5°C~150°C
Time Range	1min~99h59min	1min~99h59min	1min~99h59min	1min~99h59min
Temp. Stability @40~100°C	±0.5°C	±0.5°C	±0.5°C	±0.5°C
Temp. Stability @ >100°C	±1°C	±1°C	±1°C	±1°C



Dry Bath Incubator
SKU: BDIB-102



Dry Bath Incubator
SKU: BDIB-103



Dry Bath Incubator
SKU: BDIB-104



Dry Bath Incubator
SKU: BDIB-115

Dry Bath Incubator Series 100

Specification	Dry Bath Incubator SKU: BDIB-106	Dry Bath Incubator SKU: BDIB-107
Type	Cooling	Heating
Block temp. setting range	-10°C~100°C	0°C~100°C
Block temp. control range	(R.T.-25°C)~100°C	(R.T.+5°C)~100°C
Temp. Max. Decrease	R.T. decreases 25°C@R.T. 26°C	/
Hot lid temp. setting range(≤105°C)	0~105°C / Block(0~105°C)	0~105°C / Block(0~105°C)



Dry Bath Incubator
SKU: BDIB-106



Dry Bath Incubator
SKU: BDIB-107

Dry Bath Incubator Series 100

Specification	Dry Bath Incubator SKU: BDIB-108	Dry Bath Incubator SKU: BDIB-109	Dry Bath Incubator SKU: BDIB-110
Temp. Control Range	R.T.+5°C~150°C	R.T.+5°C~150°C	R.T.+5°C~150°C
Temp. Setting Range	5°C~150°C	5°C~150°C	5°C~150°C
Time Range	1min~99h59m (00:00 is continuous)	1min~99h59m (00:00 is continuous)	1min~99h59m (00:00 is continuous)
Block Temp. Stability@40~100°C	±0.5°C	±0.5°C	±0.5°C
Block Temp. Stability@>100°C	±1°C	±1°C	±1°C



Dry Bath Incubator
SKU: BDIB-108



Dry Bath Incubator
SKU: BDIB-109



Dry Bath Incubator
SKU: BDIB-110

Dry Bath Incubator Series 100

Specification	Dry Bath Incubator SKU: BDIB-114
Temp. Control Range	R.T.+5°C~100°C
Temp. Setting Range	5°C~100°C
Temp. Stability@37°C	±0.3°C
Block Temp. Uniformity	±0.5°C
Temp. Display Accuracy	0.1°C



Dry Bath Incubator
SKU: BDIB-114

Dry Bath Incubator Series 100

Specification	Dry Bath Incubator SKU: BDIB-116
Temp. Control Range	R.T.+5°C~60°C
Temp. Setting Range	5°C~60°C
Temp. Stability@37°C	±0.2°C
Temp. Uniformity	±0.5°C
Temp. Display Accuracy	0.1°C



Dry Bath Incubator
SKU: BDIB-116

Dry Bath Incubator Series 200

Specification	Dry Bath Incubator SKU: BDIB-124
Temperature range[°C]	Room temp+5-120
Temperature Setting range [°C]	15-120
Temperature control accuracy[°C]	±0.5
Temperature uniformity@ 37°C[°C]	±0.5
Power [W]	170



Dry Bath Incubator
SKU: BDIB-124

Dry Bath Incubator Series 200

Specification	Dry Bath Incubator SKU: BDIB-129
Functions	Heating&cooling
Temperature range [°C]	Below room temp 25-110
Temperature Setting range [°C]	-5-110
Temperature control accuracy@20-45 [°C]	±0.5
Temperature uniformity@20-45 [°C]	±0.5



Dry Bath Incubator
SKU: BDIB-129

Dry Bath Incubator Series 300

Specification	Dry Bath Incubator SKU: BDIB-121	Dry Bath Incubator SKU: BDIB-122
Temperature Control Range	-10°C ~ 100°C	RT +5°C ~ 100°C
Timing Range	1 min ~ 99 h 59 min	1 min ~ 99 h 59 min
Temperature Control Accuracy	≤ ±0.3°C	≤ ±0.3°C
Display Accuracy	0.1°C	0.1°C
Heating Time	≤ 15 min (from 20°C to 100°C)	≤ 15 min (from 20°C to 100°C)



Dry Bath Incubator
SKU: BDIB-121



Dry Bath Incubator
SKU: BDIB-122

Dry Bath Incubator Series 300

Specification	Dry Bath Incubator SKU: BDIB-123	Dry Bath Incubator SKU: BDIB-128
Temperature Control Range	RT + 5°C ~ 100°C	0°C ~ 100°C if Ambient Temp. ≤ 20°C4°C ~ 100°C if Ambient Temp. ≤ 25°C10°C ~ 100°C if Ambient Temp. ≤ 30°C
Temperature Setting Range	+5°C ~ 100°C	0°C ~ 100°C
Timing Range	1 min ~ 99 h 59 min	1 min ~ 99 h 59 min
Temperature Control Accuracy	≤ ±0.3°C	≤ ±0.3°C
Display Accuracy	0.1°C	0.1°C



Dry Bath Incubator
SKU: BDIB-123



Dry Bath Incubator
SKU: BDIB-128

Dry Bath Incubator Series 400

Specification	Dry Bath Incubator SKU: BDIB-117
Temperature control range	RT. +5 °C-100 °C
Timer range	1 min-99 h 59 min
Temp. control accuracy	±0.5 °C
Heating time (25 °C to 100 °C)	≤15 min (@20 °C~30 °C)
Certificate	CE



Dry Bath Incubator
SKU: BDIB-117

Dry Bath Incubator Series 400

Specification	Dry Bath Incubator SKU: BDIB-118	Dry Bath Incubator SKU: BDIB-120
Temperature control range	RT. +5 °C-100 °C	-10 °C-100 °C
Timer range	1 min-99 h 59 min	1 min-99 h 59 min
Temp. stability @100 °C	±0.5 °C	±0.5 °C
Display accuracy	±0.1 °C	±0.1 °C
Heating time (25 °C to 100 °C)	≤12 min	≤15 min



Dry Bath Incubator
SKU: BDIB-118



Dry Bath Incubator
SKU: BDIB-120

Dry Bath Incubator Series 400

Specification	Dry Bath Incubator SKU: BDIB-119	Dry Bath Incubator SKU: BDIB-127
Temperature control range	RT. +5 °C~105 °C	-5 °C~105 °C (AT. ≤20 °C) / 0 °C~105 °C (AT. ≤25 °C) / 4 °C~105 °C (AT. ≤30 °C)
Lid temperature range	RT. +5 °C~110 °C	RT. +5 °C~110 °C
Timer range	0~99 h 59 min / 0~99 min 59 sec	0~99 h 59 min / 0~99 min 59 sec
Temp. accuracy for blocks	±0.5 °C	±0.5 °C
Temp. accuracy for lid	±1 °C	±1 °C



Dry Bath Incubator
SKU: BDIB-119



Dry Bath Incubator
SKU: BDIB-127

Dry Bath Incubator Series 400

Specification	Dry Bath Incubator SKU: BDIB-201	Dry Bath Incubator SKU: BDIB-202	Dry Bath Incubator SKU: BDIB-203	Dry Bath Incubator SKU: BDIB-204
Temperature control range	RT. +5 °C~105 °C	RT. +5 °C~105 °C	RT. +5 °C~105 °C	RT. +5 °C~100 °C
Timer range	1 min-99 h 59 min	1 min-99 h 59 min	1 min-99 h 59 min	1 min-99 h 59 min
Temp. stability @100 °C	≤0.5 °C	≤0.5 °C	≤0.5 °C	≤0.5 °C
Uniformity: within the block @37 °C / across similar block @37 °C	±0.2 °C / -	±0.2 °C / ±0.3 °C	±0.2 °C / -	±0.2 °C / ±0.3 °C
Heating time (25 °C to 105 °C)	≤20 min	≤20 min	≤20 min	≤20 min



Dry Bath Incubator
SKU: BDIB-201



Dry Bath Incubator
SKU: BDIB-202



Dry Bath Incubator
SKU: BDIB-203



Dry Bath Incubator
SKU: BDIB-204

Dry Bath Incubator Series 400

Specification	Dry Bath Incubator SKU: BOHA-325	Dry Bath Incubator SKU: BOHA-326
Temp. control range	RT. +5 °C~70 °C	RT. +5 °C~70 °C
Timer range	1 min~99 h 59 min	1 min~99 h 59 min
Temp. control accuracy	±0.5 °C	±0.5 °C
Display accuracy	±0.1 °C	±0.1 °C
Shaking speed	/	/



Dry Bath Incubator
SKU: BOHA-325



Dry Bath Incubator
SKU: BOHA-326

BATH AND CIRCULATOR

DUAL TEMPERATURE DRY BATH INCUBATOR

OVERVIEW

Dual-temperature dry bath incubators feature two independently controlled blocks for heating and/or cooling. Temperature ranges span –10 °C to 105 °C, with configurations offering dual heating, dual cooling or split heating/cooling. They can lower block temperature up to 25 °C below ambient and support precision incubation of multiple sample sets simultaneously.

Highlights

- Dual independent blocks
- –10 to 105 °C
- Heating and cooling
- Split mode options

For Detailed Technical Info & Accessories

Scan to view detailed technical information & accessories, or visit the link below.

CATALOG LINK

https://biolabscientific.com/content/catalogs/1308-Catalog-Biolab.pdf

Dual Temperature Dry Bath Incubator Series 100

Specification	Dual Temperature Dry Bath Incubator SKU: BDTB-101	Dual Temperature Dry Bath Incubator SKU: BDTB-102	Dual Temperature Dry Bath Incubator SKU: BDTB-103
Type	Dual Heating	Dual Cooling	Left Cooling, Right heating
Temp. Control Range	R.T.+5°C~105°C	-10°C~105°C	Heating: R.T.+5°C~105°C, Cooling: -10°C~105°C
Temp. Setting Range	5°C~105°C	-10°C~105°C	Heating: 5°C~105°C, Cooling: -10°C~105°C
Temp. Max. Decrease	/	R.T. decreases 25°C@R.T. 26°C	Cooling: R.T. decreases 25°C@R.T. 26°C
Temp. Stability@100°C	±0.5°C	±0.5°C	±0.5°C



Dual Temperature Dry Bath Incubator
SKU: BDTB-101



Dual Temperature Dry Bath Incubator
SKU: BDTB-102



Dual Temperature Dry Bath Incubator
SKU: BDTB-103

BATH AND CIRCULATOR

HIGH TEMPERATURE CIRCULATOR

OVERVIEW

High temperature circulators are bath systems that heat circulated fluids with precision. Capacities range from 5 to 30 L and temperature ranges span from just above ambient to 95 °C or 150 °C, with built-in pumps for consistent flow.

Highlights

- Precise temperature control
- Wide temperature range
- Varied bath volumes
- Integrated circulation pump

For Detailed Technical Info & Accessories

Scan to view detailed technical information & accessories, or visit the link below.

CATALOG LINK

https://biolabscientific.com/content/catalogs/1303-Catalog-Biolab.pdf

High Temperature Circulator Series 100

Specification	High Temperature Circulator SKU: BCLT-2301	High Temperature Circulator SKU: BCLT-2302	High Temperature Circulator SKU: BCLT-2303	High Temperature Circulator SKU: BCLT-2304
Temperature range	RT+5 - 150°C	RT+5 - 150°C	RT+5 - 150°C	RT+5 - 150°C
Precision	±0.1	±0.1	±0.1	±0.2
Liquid tank opening depth (mm)	150x160/150	240x170/150	330x300/150	240x170/240
Chamber volume	6.7L	10.9L	22.5L	14.5L
Power requirements	AC220V 50HZ	AC220V 50HZ	AC220V 50HZ	AC220V 50HZ



High Temperature Circulator
SKU: BCLT-2301



High Temperature Circulator
SKU: BCLT-2302



High Temperature Circulator
SKU: BCLT-2303



High Temperature Circulator
SKU: BCLT-2304

High Temperature Circulator Series 200

Specification	High Temperature Circulator SKU: BCHT-101	High Temperature Circulator SKU: BCHT-102	High Temperature Circulator SKU: BCHT-103	High Temperature Circulator SKU: BCHT-104
Capacity	5 L	15 L	25 L	30 L
Temperature Range	RT+5°C to 95°C	RT+5°C to 100°C	RT+5°C to 100°C	RT+5°C to 100°C
Temperature Accuracy	±0.2°C	±0.05°C	±0.05°C	±0.05°C
Pump Flow Rate	6 L/min	6 L/min	6 L/min	6 L/min
Top Opening	130x130 mm	235x160 mm	235x160 mm	310x280 mm



High Temperature Circulator
SKU: BCHT-101



High Temperature Circulator
SKU: BCHT-102



High Temperature Circulator
SKU: BCHT-103



High Temperature Circulator
SKU: BCHT-104

BATH AND CIRCULATOR

LOW TEMPERATURE CIRCULATOR

OVERVIEW

Recirculating chillers provide precise temperature control from −20 °C to 20 °C using PID regulation and an independent circulation pump. They feature stainless steel baths, program functions, large digital displays, alarms for temperature deviations, and options for RS-485/USB communication.

Highlights

- PID temperature regulation
- Wide temperature range
- Integrated circulation pump
- Safety alarms

For Detailed Technical Info & Accessories

Scan to view detailed technical information & accessories, or visit the link below.

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https://biolabscientific.com/content/catalogs/1304-Catalog-Biolab.pdf

Low Temperature Circulator Series 100

Specification	Low Temperature Circulator SKU: BCLT-301
Capacity	8 L
Temperature Range	-5°C to 100°C
Top Opening	120x120 mm
Inner Dimension (WxDxH)	150x300x200 mm
Outer Dimension (WxDxH)	400x470x800 mm



Low Temperature Circulator
SKU: BCLT-301

Low Temperature Circulator Series 100

TABLE 1 OF 2

Specification	Low Temperature Circulator SKU: BCLT-302	Low Temperature Circulator SKU: BCLT-304	Low Temperature Circulator SKU: BCLT-401	Low Temperature Circulator SKU: BCLT-402	Low Temperature Circulator SKU: BCLT-403
Temp Range (°C)	-5~100	-5~100	-20~100	-20~100	-20~100
Temp Stability (°C)	±0.1	±0.1	±0.1	±0.1	±0.1
Display Resolution	0.1	0.1	0.1	0.1	0.1
TankSize	260x200x200	440x325x200	260x200x140	260x200x200	300x250x260
Capacity (L)	10	30	6	10	20



Low Temperature Circulator
SKU: BCLT-302



Low Temperature Circulator
SKU: BCLT-304



Low Temperature Circulator
SKU: BCLT-401



Low Temperature Circulator
SKU: BCLT-402



Low Temperature Circulator
SKU: BCLT-403

Low Temperature Circulator Series 100

TABLE 2 OF 2

Specification	Low Temperature Circulator SKU: BCLT-404	Low Temperature Circulator SKU: BCLT-501	Low Temperature Circulator SKU: BCLT-502	Low Temperature Circulator SKU: BDO-102
Temp Range (°C)	-20~100	-40~100	-40~100	-5~100
Temp Stability (°C)	±0.1	±0.1	±0.1	±0.1
Display Resolution	0.1	0.1	0.1	0.1
TankSize	440x325x200	260x200x140	260x200x200	260x200x140
Capacity (L)	30	6	10	7



Low Temperature Circulator
SKU: BCLT-404



Low Temperature Circulator
SKU: BCLT-501



Low Temperature Circulator
SKU: BCLT-502



Low Temperature Circulator
SKU: BDO-102

Low Temperature Circulator Series 200

Specification	Low Temperature Circulator SKU: BCLT-201	Low Temperature Circulator SKU: BCLT-202	Low Temperature Circulator SKU: BCLT-203
Capacity	6 L	6 L	6 L
Temperature Range	-5°C ~ 100°C	-5°C ~ 200°C	-20°C ~ 100°C
Temperature Stability	±0.03°C	±0.03°C	±0.03°C
Ambient Temperature	-20 ~70°C	-20 ~70°C	-20 ~70°C
Pump Flow Rate	10 L/min	10 L/min	10 L/min



Low Temperature Circulator
SKU: BCLT-201



Low Temperature Circulator
SKU: BCLT-202



Low Temperature Circulator
SKU: BCLT-203

Low Temperature Circulator Series 200

Specification	Low Temperature Circulator SKU: BCLT-204
Working temperature range	-20 °C ~ 200 °C
Temperature control	Fuzzy PID
Temperature stability	±0.03 °C
Temperature sensor	PT100
Display resolution	0.1 °C



Low Temperature Circulator
SKU: BCLT-204

Low Temperature Circulator Series 300

TABLE 1 OF 2

Specification	Low Temperature Circulator SKU: BCLT-2101	Low Temperature Circulator SKU: BCLT-2102	Low Temperature Circulator SKU: BCLT-2103	Low Temperature Circulator SKU: BCLT-2104	Low Temperature Circulator SKU: BCLT-2105
Storage tank maximum capacity (L)	5	8	15.5	30	62
Temperature range	-20 - 20°C	-20 - 20°C	-20 - 20°C	-20 - 20°C	-20 - 20°C
Temperature accuracy	±2°C	±2°C	±2°C	±2°C	±2°C
Cooling capacity at 10°C (W)	530	600	1500	2500	4000
Refrigerant	R404A	R404A	R404A	R410A	R410A



Low Temperature Circulator
SKU: BCLT-2101



Low Temperature Circulator
SKU: BCLT-2102



Low Temperature Circulator
SKU: BCLT-2103



Low Temperature Circulator
SKU: BCLT-2104



Low Temperature Circulator
SKU: BCLT-2105

Low Temperature Circulator Series 300

TABLE 2 OF 2

Specification	Low Temperature Circulator SKU: BCLT-2201	Low Temperature Circulator SKU: BCLT-2202	Low Temperature Circulator SKU: BCLT-2203	Low Temperature Circulator SKU: BCLT-2204	Low Temperature Circulator SKU: BCLT-2205
Storage tank maximum capacity (L)	5	8	15.5	30	62
Temperature range	-20 - 80°C	-20 - 80°C	-20 - 80°C	-20 - 80°C	-20 - 80°C
Temperature accuracy	±0.5°C	±0.5°C	±0.5°C	±0.5°C	±0.5°C
Cooling capacity at 10°C (W)	530	600	1500	2500	4000
Refrigerant	R404A	R404A	R404A	R410A	R410A



Low Temperature Circulator
SKU: BCLT-2201



Low Temperature Circulator
SKU: BCLT-2202



Low Temperature Circulator
SKU: BCLT-2203



Low Temperature Circulator
SKU: BCLT-2204



Low Temperature Circulator
SKU: BCLT-2205

Low Temperature Circulator Series 300

TABLE 1 OF 2

Specification	Low Temperature Circulator SKU: BCLT-2601	Low Temperature Circulator SKU: BCLT-2602	Low Temperature Circulator SKU: BCLT-2603	Low Temperature Circulator SKU: BCLT-2604	Low Temperature Circulator SKU: BCLT-2605
Temperature range	-10 - 100°C	-20 - 100°C	-40 - 100°C	-10 - 100°C	-20 - 100°C
Precision	±0.2	±0.2	±0.2	±0.2	±0.2
Liquid tank opening/depth (mm)	150x160/150	150x160/150	150x160/150	240x170/200	240x170/200
Chamber volume	4.5L	4.5L	4.5L	13L	13L
Power requirements	AC220V 50HZ	AC220V 50HZ	AC220V 50HZ	AC220V 50HZ	AC220V 50HZ



Low Temperature Circulator
SKU: BCLT-2601



Low Temperature Circulator
SKU: BCLT-2602



Low Temperature Circulator
SKU: BCLT-2603



Low Temperature Circulator
SKU: BCLT-2604



Low Temperature Circulator
SKU: BCLT-2605

Low Temperature Circulator Series 300

TABLE 2 OF 2

Specification	Low Temperature Circulator SKU: BCLT-2606
Temperature range	-40 - 100°C
Precision	±0.2
Liquid tank opening/depth (mm)	240x170/200
Chamber volume	13L
Power requirements	AC220V 50HZ



Low Temperature Circulator
SKU: BCLT-2606

BATH AND CIRCULATOR

MINI DRY BATH INCUBATOR

OVERVIEW

Mini dry bath incubators maintain precise temperatures for sample incubation with control ranges from ambient+5 °C to 100 °C (some models −10 °C). They feature interchangeable block modules, timers up to 999 minutes or seconds and temperature stability within ±0.3–±0.5 °C with quick heating and cooling.

Highlights

- Ambient+5 °C to 100 °C range
- Interchangeable block modules
- ±0.3–0.5 °C stability
- Timer up to 999 min/sec

For Detailed Technical Info & Accessories

Scan to view detailed technical information & accessories, or visit the link below.

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https://biolabscientific.com/content/catalogs/1307-Catalog-Biolab.pdf

Mini Dry Bath Incubator Series 100

Specification	Mini Dry Bath Incubator SKU: BDMI-101	Mini Dry Bath Incubator SKU: BDMI-102	Mini Dry Bath Incubator SKU: BDMI-103	Mini Dry Bath Incubator SKU: BDMI-104	Mini Dry Bath Incubator SKU: BDMI-105
Temp. Control Range	R.T.+5°C~100°C	R.T.+5°C~100°C	R.T.+5°C~100°C	-10°C~100°C	-10°C~100°C
Temp. Max. Decrease	/	/	/	R.T. decreases 25°C @R.T. 26°C	R.T. decreases 25°C @R.T. 26°C
Temp. Setting Range	0°C~100°C	0°C~100°C	0°C~100°C	-10°C~100°C	-10°C~100°C
Temp. Stability@100°C	±0.5°C	±0.5°C	±0.5°C	±0.5°C	±0.5°C
Temp. Stability@40°C	±0.3°C	±0.3°C	±0.3°C	±0.3°C	±0.3°C



Mini Dry Bath Incubator
SKU: BDMI-101



Mini Dry Bath Incubator
SKU: BDMI-102



Mini Dry Bath Incubator
SKU: BDMI-103



Mini Dry Bath Incubator
SKU: BDMI-104



Mini Dry Bath Incubator
SKU: BDMI-105

Mini Dry Bath Incubator Series 200

Specification	Mini Dry Bath Incubator SKU: BDMI-106
Temp. Range	+5°C - 100°C
Temp. Accuracy	≤ ±0.3°C
Temp. Uniformity	≤ ±0.3°C
Dimensions (LxWxH, mm)	145 x 113 x 110
Weight	0.5 kg



Mini Dry Bath Incubator
SKU: BDMI-106

Mini Dry Bath Incubator Series 300

Specification	Mini Dry Bath Incubator SKU: BDMI-107	Mini Dry Bath Incubator SKU: BDMI-109	Mini Dry Bath Incubator SKU: BDMI-110	Mini Dry Bath Incubator SKU: BDMI-111
Temperature control range	RT. +5 °C~80 °C	RT. +5 °C~100 °C	0 °C~100 °C	RT. +5 °C~100 °C
Timer range	1-999 min or 1-999 sec	1-999 min or 1-999 sec	1-999 min or 1-999 sec	1-999 min or 1-999 sec
Temp. control accuracy	±0.5 °C	±0.5 °C	±0.5 °C	±0.5 °C
Display accuracy	±0.1 °C	±0.1 °C	±0.1 °C	±0.1 °C
Heating time (25 °C to max.)	≤12 min	≤15 min	≤20 min	≤15 min



Mini Dry Bath Incubator
SKU: BDMI-107



Mini Dry Bath Incubator
SKU: BDMI-109



Mini Dry Bath Incubator
SKU: BDMI-110



Mini Dry Bath Incubator
SKU: BDMI-111

Mini Dry Bath Incubator Series 300

Specification	Mini Dry Bath Incubator SKU: BDMI-112	Mini Dry Bath Incubator SKU: BDMI-114
Working area	Block-A / Block-B / Block-C	Block-A / Block-B / Block-C
Temp. control range	RT. +5 °C to 99.9 °C	0 °C to 99.9 °C / RT. +5 °C to 99.9 °C / RT. +5 °C to 99.9 °C
Heating time (25 °C to 99.9 °C)	≤20 min	≤20 min
Cooling time (20 °C to 0 °C)	/	≤25 min * Block-A
Temp. control accuracy	≤0.5 °C	≤0.5 °C



Mini Dry Bath Incubator
SKU: BDMI-112



Mini Dry Bath Incubator
SKU: BDMI-114

OIL BATH CIRCULATOR

OVERVIEW

Oil bath circulators provide precise high-temperature regulation for reaction vessels. A microcomputer controller enables accurate water or oil heating up to 300°C, with dual digital displays. Large-flow external pumps, optional cooling and mixing accessories and casters improve adaptability in chemical applications.

Highlights

- High-temperature range
- Microcomputer control
- External circulation pump
- Optional cooling & mixing

For Detailed Technical Info & Accessories

Scan to view detailed technical information & accessories, or visit the link below.

CATALOG LINK

https://biolabscientific.com/content/catalogs/1305-Catalog-Biolab.pdf

Oil Bath Circulator Series 100

Specification	Oil Bath Circulator SKU: BCOB-101	Oil Bath Circulator SKU: BCOB-102	Oil Bath Circulator SKU: BCOB-103	Oil Bath Circulator SKU: BCOB-104
Studio Size (mm)	250x200x200	400x280x180	400x300x250	400x350x350
volume	10L	20L	30L	50L
Temperature control range	Room temperature of ~300°C	Room temperature of ~300°C	Room temperature of ~300°C	Room temperature of ~300°C
temperature fluctuation	±0.1°C	±0.1°C	±0.1°C	±0.1°C
groove depth (mm)	200	200	250	250



Oil Bath Circulator
SKU: BCOB-101



Oil Bath Circulator
SKU: BCOB-102



Oil Bath Circulator
SKU: BCOB-103



Oil Bath Circulator
SKU: BCOB-104

Oil Bath Circulator Series 200

Specification	Oil Bath Circulator SKU: BCOB-201	Oil Bath Circulator SKU: BCOB-202	Oil Bath Circulator SKU: BCOB-203	Oil Bath Circulator SKU: BGI-3902
Electrical Requirement	AC220V 50HZ	AC220V 50HZ	AC220V 50HZ	AC220V 50HZ
Power	1000W	1600W	1000W	1000W
Temperature Range	RT+20~200°C	RT+20~200°C	RT+20~200°C	RT+20~200°C
Temperature Stability	±0.5°C	±0.5°C	±0.5°C	±0.5°C
Deviation Alarm	±2°C	±2°C	±2°C	±2°C



Oil Bath Circulator
SKU: BCOB-201



Oil Bath Circulator
SKU: BCOB-202



Oil Bath Circulator
SKU: BCOB-203



Oil Bath Circulator
SKU: BGI-3902

BATH AND CIRCULATOR

SHAKING WATER BATH

OVERVIEW

Shaking water baths combine thermostatic water baths with adjustable shaking. Units operate from approximately room temperature + 5 °C to 100 °C with ±1 °C uniformity. Orbital or reciprocating motion at up to 300 rpm and digital 0.1 °C resolution support reliable sample incubation.

Highlights

- RT+5 to 100 °C range
- ±1 °C uniformity
- Orbital/reciprocating motion
- Up to 300 rpm

For Detailed Technical Info & Accessories

Scan to view detailed technical information & accessories, or visit the link below.

CATALOG LINK

https://biolabscientific.com/content/catalogs/1301-Catalog-Biolab.pdf

Shaking Water Bath Series 100

Specification	Shaking Water Bath SKU: BER-2901
Mode	Reciprocating oscillation + thermostatic water bath
--Operating Temp Range	RT-100°C
--Tem. Resolution Ratio	0.1°C
--Tem. Motion	± 0.1°C
--Tem. Uniformity	± 0.2°C



Shaking Water Bath
SKU: BER-2901

Shaking Water Bath Series 200

Specification	Shaking Water Bath SKU: BBSW-101	Shaking Water Bath SKU: BBSW-102	Shaking Water Bath SKU: BBSW-103
Type	Water Bath	Water Bath	Water Bath
Temp. Range [°C]	RT+5~100	RT+5~100	RT+5~100
Oscillation Mode	Orbital	Reciprocating	Orbital or Reciprocating
Rotation Rate [rpm]	0~220	0~300	0~220 (Orbital) 0~300 (Reciprocating)
Vibration Amplitude [mm]	20	30	20 (Orbital) 30 (Reciprocating)



Shaking Water Bath
SKU: BBSW-101



Shaking Water Bath
SKU: BBSW-102



Shaking Water Bath
SKU: BBSW-103

Shaking Water Bath Series 300

Specification	Shaking Water Bath SKU: BBSW-301
Heating capacity	10L
Temp. Control Range	R.T.+5°C ~100°C
Temp. Stability (100°C)	±0.5°C
Time Range	1m~99h59m OFF is forever
Oscillation mode	Reciprocating



Shaking Water Bath
SKU: BBSW-301

Shaking Water Bath Series 400

Specification	Shaking Water Bath SKU: BBSW-2701	Shaking Water Bath SKU: BBSW-2702
Temperature range	RT+5 - 99°C	RT+5 - 99°C
Display resolution	0.1°C	0.1°C
Temperature uniformity (at 37°C)	±1°C	±1°C
Shaking speed range	30 - 180 rpm	30 - 180 rpm
Amplitude	30mm (Standard) or 40mm (Option)	30mm (Standard) or 40mm (Option)



Shaking Water Bath
SKU: BBSW-2701



Shaking Water Bath
SKU: BBSW-2702

Shaking Water Bath Series 400

Specification	Shaking Water Bath SKU: BBSW-3001	Shaking Water Bath SKU: BBSW-3002	Shaking Water Bath SKU: BBSW-3003	Shaking Water Bath SKU: BBSW-3004	Shaking Water Bath SKU: BBSW-3005
Temperature Range	RT+5~100°C	RT+5~100°C	RT+5~100°C	RT+5~100°C	10~100°C
Display Resolution	0.1°C	0.1°C	0.1°C	0.1°C	0.1°C
Temperature Uniformity	±1°C	±1°C	±1°C	±1°C	±1°C
Shaking Speed Range	30~180rpm	30~180rpm	30~180rpm	30~180rpm	30~180rpm
Amplitude	30mm (Standard) or 40mm (Option)	30mm (Standard) or 40mm (Option)	30mm (Standard) or 40mm (Option)	30mm (Standard) or 40mm (Option)	30mm (Standard) or 40mm (Option)



Shaking Water Bath
SKU: BBSW-3001



Shaking Water Bath
SKU: BBSW-3002



Shaking Water Bath
SKU: BBSW-3003



Shaking Water Bath
SKU: BBSW-3004



Shaking Water Bath
SKU: BBSW-3005

WATER BATH

OVERVIEW

Biolab water baths deliver controlled heating for laboratory samples with capacities from roughly 2.6 to 20 litres. Transparent or stainless models offer temperature ranges typically ambient+5 °C to 100 °C (or 65 °C), with 0.1 °C resolution and ±0.5 °C uniformity using natural convection or bottom heating.

Highlights

- 2.6–20 L capacity
- Ambient+5 to 100 °C
- 0.1 °C resolution
- ±0.5 °C uniformity

For Detailed Technical Info & Accessories

Scan to view detailed technical information & accessories, or visit the link below.

CATALOG LINK

https://biolabscientific.com/content/catalogs/1302-Catalog-Biolab.pdf

Water Bath Series 100

TABLE 1 OF 2

Specification	Water Bath SKU: BBWA-101	Water Bath SKU: BBWA-102	Water Bath SKU: BBWA-103	Water Bath SKU: BBWA-104	Water Bath SKU: BBWA-105
Voltage	200-240V/100-120V	200-240V/100-120V	200-240V/100-120V	200-240V/100-120V	200-240V/100-120V
Power(W)	400	500	1000	1500	1000
Temmotion (°C)	±0.5	±0.5	±0.5	±0.5	±0.5
Tem-range (°C)	Room Temp. ±5~100°C	Room Temp. ±5~100°C	Room Temp. ±5~100°C	Room Temp. ±5~100°C	Room Temp. ±5~100°C
Tem. Sensitivity (°C)	≤±1	≤±1	≤±1	≤±1	≤±1



Water Bath
SKU: BBWA-101



Water Bath
SKU: BBWA-102



Water Bath
SKU: BBWA-103



Water Bath
SKU: BBWA-104



Water Bath
SKU: BBWA-105

Water Bath Series 100

TABLE 2 OF 2

Specification	Water Bath SKU: BBWA-106	Water Bath SKU: BBWA-107
Voltage	200-240V/100-120V	200-240V/100-120V
Power(W)	1500	2000
Temmotion (°C)	±0.5	±0.5
Tem-range (°C)	Room Temp.±5~100°C	Room Temp.±5~100°C
Tem. Sensitivity (°C)	≤±1	≤±1



Water Bath
SKU: BBWA-106



Water Bath
SKU: BBWA-107

Water Bath Series 100

TABLE 1 OF 2

Specification	Water Bath SKU: BBWA-201	Water Bath SKU: BBWA-202	Water Bath SKU: BBWA-203	Water Bath SKU: BBWA-204	Water Bath SKU: BBWA-205
Heating Mode	Bottom heating, water temperature natural convection	Bottom heating, water temperature natural convection	Bottom heating, water temperature natural convection	Bottom heating, water temperature natural convection	Bottom heating, water temperature natural convection
Temp. Range	Rt+5~100°C	Rt+5~100°C	Rt+5~100°C	Rt+5~100°C	Rt+5~100°C
Temp. Resolution Ratio	0.1°C	0.1°C	0.1°C	0.1°C	0.1°C
Temp. Motion	±0.5°C	±0.5°C	±0.5°C	±0.5°C	±0.5°C
Temp. Uniformity	±1°C	±1°C	±1°C	±1°C	±1°C



Water Bath
SKU: BBWA-201



Water Bath
SKU: BBWA-202



Water Bath
SKU: BBWA-203



Water Bath
SKU: BBWA-204



Water Bath
SKU: BBWA-205

Water Bath Series 100

TABLE 2 OF 2

Specification	Water Bath SKU: BBWA-206	Water Bath SKU: BBWA-207
Heating Mode	Bottom heating, water temperature natural convection	Bottom heating, water temperature natural convection
Temp. Range	Rt+5~100°C	Rt+5~100°C
Temp. Resolution Ratio	0.1°C	0.1°C
Temp. Motion	±0.5°C	±0.5°C
Temp. Uniformity	±1°C	±1°C



Water Bath
SKU: BBWA-206



Water Bath
SKU: BBWA-207

Water Bath Series 100

Specification	Water Bath SKU: BER-5201	Water Bath SKU: BER-5202	Water Bath SKU: BER-5203	Water Bath SKU: BER-5204
Classification	1 hole	1 row & 2 holes	2 rows & 4 holes	2 rows & 6 holes
Heating Mode	Nature water convection heat transfer	Nature water convection heat transfer	Nature water convection heat transfer	Nature water convection heat transfer
--Temp. Range	RT+5~100°C	RT+5~100°C	RT+5~100°C	RT+5~100°C
--Temp. Resolution Ratio	0.1°C	0.1°C	0.1°C	0.1°C
--Temp. Motion	±0.5°C	±0.5°C	±0.5°C	±0.5°C



Water Bath
SKU: BER-5201



Water Bath
SKU: BER-5202



Water Bath
SKU: BER-5203



Water Bath
SKU: BER-5204

Water Bath Series 100

Specification	Water Bath SKU: BER-5301	Water Bath SKU: BER-5302	Water Bath SKU: BER-5303	Water Bath SKU: BER-5304	Water Bath SKU: BER-5305
Capacity	2.6L	6L	9L	12L	20L
Voltage (V)	200-240V/100-120V	200-240V/100-120V	200-240V/100-120V	200-240V/100-120V	200-240V/100-120V
Power (kW)	0.4	0.5	0.8	1	1.5
Temp. Motion (°C)	± 0.5	± 0.5	± 0.5	± 0.5	± 0.5
Temp. Range (°C)	Rt+5~100	Rt+5~100	Rt+5~100	Rt+5~100	Rt+5~100



Water Bath
SKU: BER-5301



Water Bath
SKU: BER-5302



Water Bath
SKU: BER-5303



Water Bath
SKU: BER-5304



Water Bath
SKU: BER-5305

Water Bath Series 100

Specification	Water Bath SKU: BER-5401	Water Bath SKU: BER-5402	Water Bath SKU: BER-5403	Water Bath SKU: BER-5404
--Temp Range	RT+5~65°C	RT+5~100°C	RT+5~65°C	RT+5~100°C
--Temp Resolution Ratio	0.1°C	0.1°C	0.1°C	0.1°C
--Temp Motion	±0.5°C	±0.5°C	±0.5°C	±0.5°C
--Temp Uniformity	±1.0°C	±1.0°C	±1.0°C	±1.0°C
--Inner Chamber	High quality hairline stainless steel plate	High quality hairline stainless steel plate	High quality hairline stainless steel plate	High quality hairline stainless steel plate



Water Bath
SKU: BER-5401



Water Bath
SKU: BER-5402



Water Bath
SKU: BER-5403



Water Bath
SKU: BER-5404

Water Bath Series 100

Specification	Water Bath SKU: BER-5501	Water Bath SKU: BER-5502	Water Bath SKU: BER-5503	Water Bath SKU: BER-5504
Heating Mode	Nature water convection heat transfer	Nature water convection heat transfer	Nature water convection heat transfer	Nature water convection heat transfer
--Temp. Range	RT+5~65°C	RT+5~100°C	RT+5~65°C	RT+5~100°C
--Temp. Resolution Ratio	0.1°C	0.1°C	0.1°C	0.1°C
--Temp. Motion	±0.5°C	±0.5°C	±0.5°C	±0.5°C
--Temp. Uniformity	±1.0°C	±1.0°C	±1.0°C	±1.0°C



Water Bath
SKU: BER-5501



Water Bath
SKU: BER-5502



Water Bath
SKU: BER-5503



Water Bath
SKU: BER-5504

Water Bath Series 100

Specification	Water Bath SKU: BER-5701
Supply voltage	220V/60HZ
Power(W)	2.4kw
Temp-motion	+0.5°C
Temp-range	RT+5 ~ 100°C
Senility of Temp Control	≤± 1



Water Bath
SKU: BER-5701

Water Bath Series 200

Specification	Water Bath SKU: BBSW-4001	Water Bath SKU: BBWA-301	Water Bath SKU: BBWA-302	Water Bath SKU: BBWA-303	Water Bath SKU: BBWA-304
Timing range	1~99h59min (0 is forever)	1~99h59min (0 is forever)	1~99h59min (0 is forever)	1~99h59min (0 is forever)	1~99h59min (0 is forever)
Temp. range	RT.+5°C~100°C	RT.+5°C~100°C	RT.+5°C~100°C	RT.+5°C~100°C	RT.+5°C~100°C
Temp. accuracy	±0.5°C	±0.5°C	±0.5°C	±0.5°C	±0.5°C
Temp. Uniformity@37°C	±0.5°C	±0.5°C	±0.5°C	±0.5°C	±0.5°C
Number of holes	3	1	1	2	3



Water Bath
SKU: BBSW-4001



Water Bath
SKU: BBWA-301



Water Bath
SKU: BBWA-302



Water Bath
SKU: BBWA-303



Water Bath
SKU: BBWA-304

Water Bath Series 300

Specification	Water Bath SKU: BBWA-2401	Water Bath SKU: BBWA-2402	Water Bath SKU: BBWA-2403	Water Bath SKU: BBWA-2404
Power requirements	AC220V 50HZ	AC220V 50HZ	AC220V 50HZ	AC220V 50HZ
Power (W)	500W	800W	1000W	1000W
Temperature range	RT+5 - 100°C	RT+5 - 100°C	RT+5 - 100°C	RT+5 - 80°C
Temperature fluctuation	±0.2°C	±0.2°C	±0.2°C	±0.2°C
Temperature resolution	0.1°C	0.1°C	0.1°C	0.1°C



Water Bath
SKU: BBWA-2401



Water Bath
SKU: BBWA-2402



Water Bath
SKU: BBWA-2403



Water Bath
SKU: BBWA-2404

Water Bath Series 300

TABLE 1 OF 2

Specification	Water Bath SKU: BBWA-3101	Water Bath SKU: BBWA-3102	Water Bath SKU: BBWA-3103	Water Bath SKU: BBWA-3104	Water Bath SKU: BBWA-3105
Electrical Requirement	AC220 50Hz	AC220 50Hz	AC220 50Hz	AC220 50Hz	AC220 50Hz
Power Consumption	400W	600W	1200W	1200W	1600W
Temperature Range	RT+5~100°C	RT+5~100°C	RT+5~100°C	RT+5~100°C	RT+5~100°C
Temperature Stability	±0.3°C	±0.3°C	±0.3°C	±0.3°C	±0.3°C
Temp Alarm	±2°C	±2°C	±2°C	±2°C	±2°C



Water Bath
SKU: BBWA-3101



Water Bath
SKU: BBWA-3102



Water Bath
SKU: BBWA-3103



Water Bath
SKU: BBWA-3104



Water Bath
SKU: BBWA-3105

Water Bath Series 300

TABLE 2 OF 2

Specification	Water Bath SKU: BBWA-3106	Water Bath SKU: BBWA-3107	Water Bath SKU: BBWA-3108	Water Bath SKU: BBWA-3109
Electrical Requirement	AC220 50Hz	AC220 50Hz	AC220 50Hz	AC220 50Hz
Power Consumption	800W	800W	1000W	1000W
Temperature Range	RT+5~100°C	RT+5~80°C	RT+5~100°C	RT+5~80°C
Temperature Stability	±0.2°C	±0.2°C	±0.2°C	±0.2°C
Temp Alarm	0.1°C	0.1°C	0.1°C	0.1°C



Water Bath
SKU: BBWA-3106



Water Bath
SKU: BBWA-3107



Water Bath
SKU: BBWA-3108



Water Bath
SKU: BBWA-3109

Water Bath Series 300

TABLE 1 OF 2

Specification	Water Bath SKU: BBWA-3201	Water Bath SKU: BBWA-3202	Water Bath SKU: BBWA-3203	Water Bath SKU: BBWA-3204	Water Bath SKU: BBWA-3205
Electrical Requirement	220V 50Hz	220V 50Hz	220V 50Hz	220V 50Hz	220V 50Hz
Power Consumption	500W	1000W	1000W	800W	600W
Temperature Range	RT+5~100°C	RT+5~100°C	RT+5~100°C	RT+5~100°C	RT+5~100°C
Temperature Stability	±0.5°C	±0.5°C	±0.5°C	±0.5°C	±0.5°C
Display Resolution	0.1°C	0.1°C	0.1°C	0.1°C	0.1°C



Water Bath
SKU: BBWA-3201



Water Bath
SKU: BBWA-3202



Water Bath
SKU: BBWA-3203



Water Bath
SKU: BBWA-3204



Water Bath
SKU: BBWA-3205

Water Bath Series 300

TABLE 2 OF 2

Specification	Water Bath SKU: BBWA-3206	Water Bath SKU: BCHT-3301	Water Bath SKU: BCHT-3302
Electrical Requirement	220V 50Hz	220V 50Hz	220V 50Hz
Power Consumption	750W	1000W	1000W
Temperature Range	RT+5~99°C	RT+5~70°C	RT+5~70°C
Temperature Stability	±0.3°C	±0.3°C	±0.3°C
Display Resolution	0.1°C	0.1°C	0.1°C



Water Bath
SKU: BBWA-3206



Water Bath
SKU: BCHT-3301



Water Bath
SKU: BCHT-3302

Water Bath Series 300

TABLE 1 OF 3

Specification	Water Bath SKU: BCLT-2801	Water Bath SKU: BCLT-2802	Water Bath SKU: BCLT-2803	Water Bath SKU: BCLT-2804	Water Bath SKU: BCLT-2805
Temperature Range	RT+5~100°C	RT+5~100°C	RT+5~100°C	RT+5~100°C	RT+5~100°C
Precision	±0.1	±0.1	±0.1	±0.2	±0.2
Interior Dimension	150x160x150	240x170x150	330x300x150	240x170x200	240x170x200
Chamber volume	6.7L	10.9L	22.5L	14.5L	14.5L
Electrical Requirements	220V 50Hz	220V 50Hz	220V 50Hz	220V 50Hz	220V 50Hz



Water Bath
SKU: BCLT-2801



Water Bath
SKU: BCLT-2802



Water Bath
SKU: BCLT-2803



Water Bath
SKU: BCLT-2804



Water Bath
SKU: BCLT-2805

Water Bath Series 300

TABLE 2 OF 3

Specification	Water Bath SKU: BCLT-2806	Water Bath SKU: BCLT-2807	Water Bath SKU: BCLT-2808	Water Bath SKU: BCLT-2809	Water Bath SKU: BCLT-2810
Temperature Range	-10~100°C	-20~100°C	-30~100°C	-40~100°C	-50~100°C
Precision	±0.2	±0.2	±0.2	±0.2	±0.2
Interior Dimension	150x160x150	150x160x150	150x160x150	150x160x150	150x160x150
Chamber volume	4.5L	4.5L	4.5L	4.5L	4.5L
Electrical Requirements	220V 50Hz	220V 50Hz	220V 50Hz	220V 50Hz	220V 50Hz



Water Bath
SKU: BCLT-2806



Water Bath
SKU: BCLT-2807



Water Bath
SKU: BCLT-2808



Water Bath
SKU: BCLT-2809



Water Bath
SKU: BCLT-2810

Water Bath Series 300

TABLE 3 OF 3

Specification	Water Bath SKU: BCLT-2811	Water Bath SKU: BCLT-2812	Water Bath SKU: BCLT-2813	Water Bath SKU: BCLT-2814
Temperature Range	-10~100°C	-20~100°C	-40~100°C	-50~100°C
Precision	±0.2	±0.2	±0.2	±0.2
Interior Dimension	240x170x200	240x170x200	240x170x200	240x170x200
Chamber volume	13L	13L	13L	13L
Electrical Requirements	220V 50Hz	220V 50Hz	220V 50Hz	220V 50Hz



Water Bath
SKU: BCLT-2811



Water Bath
SKU: BCLT-2812



Water Bath
SKU: BCLT-2813



Water Bath
SKU: BCLT-2814

Water Bath Series 300

Specification	Water Bath SKU: BGI-4001	Water Bath SKU: BGI-4002	Water Bath SKU: BGI-4003	Water Bath SKU: BGI-4004
Electrical Requirements	220V 50Hz	220V 50Hz	220V 50Hz	220V 50Hz
Power Consumption	500W	1000W	1500W	2000W
Temperature Range	RT+5~99°C	RT+5~99°C	RT+5~99°C	RT+5~99°C
Temperature Stability	±0.5°C	±0.5°C	±0.5°C	±0.5°C
Tracking Alarm	±2°C	±2°C	±2°C	±2°C



Water Bath
SKU: BGI-4001



Water Bath
SKU: BGI-4002



Water Bath
SKU: BGI-4003



Water Bath
SKU: BGI-4004

BIOLOGICAL SAFETY CABINET

CLASS I BIOSAFETY CABINET

OVERVIEW

Class I biosafety cabinets draw air into the work area to protect the user and environment when handling low-risk agents. They feature high-efficiency HEPA filtration (99.995 % at 0.3 µm) and maintain inflow velocities around 0.3–1.0 m/s across various compact cabinet sizes

Highlights

- HEPA 99.995 % filtration
- Negative pressure protection
- 0.3–1.0 m/s inflow
- Compact cabinet sizes

For Detailed Technical Info & Accessories

Scan to view detailed technical information & accessories, or visit the link below.

CATALOG LINK

https://biolabscientific.com/content/catalogs/1701-Catalog-Biolab.pdf

Class I Biosafety Cabinet Series 100

Specification	Class I Biosafety Cabinet SKU: BCBS-101	Class I Biosafety Cabinet SKU: BCBS-102	Class I Biosafety Cabinet SKU: BCBS-103	Class I Biosafety Cabinet SKU: BCBS-104
External Size(W*D*H)	550*395*730mm	700*550*900mm	900*713*1250mm	1100*697*1900mm
Internal Size(W*D*H)	540*385*440mm	680*540*500mm	800*635*600mm	968*625*630mm
HEPA Filter	99.995% efficiency at 0.3 µm	99.995% efficiency at 0.3 µm	99.995% efficiency at 0.3 µm	99.995% efficiency at 0.3 µm
Airflow Velocity	>0.3m/s	0.75~1.0m/s	>0.3m/s	0.75~1.0m/s
Noise	≤60dB	≤55dB	≤60dB	≤67dB



Class I Biosafety Cabinet
SKU: BCBS-101



Class I Biosafety Cabinet
SKU: BCBS-102



Class I Biosafety Cabinet
SKU: BCBS-103



Class I Biosafety Cabinet
SKU: BCBS-104

BIOLOGICAL SAFETY CABINET

CLASS II BIOSAFETY CABINET

OVERVIEW

Class II A2 biosafety cabinets provide simultaneous personnel, product and environmental protection through laminar downflow and 30 % exhaust/70 % recirculation airflow. They maintain Class 100 clean air with HEPA filtration ≥99.995 % at 0.3 µm and are available in various bench-top and floor-standing sizes

Highlights

- A2 airflow pattern
- Class 100 clean air
- HEPA 99.995 % efficiency
- Bench and floor options

For Detailed Technical Info & Accessories

Scan to view detailed technical information & accessories, or visit the link below.

CATALOG LINK

https://biolabscientific.com/content/catalogs/1702-Catalog-Biolab.pdf

Class II Biosafety Cabinet Series 100

TABLE 1 OF 6

Specification	Class II Biosafety Cabinet SKU: BCBS-201	Class II Biosafety Cabinet SKU: BCBS-202	Class II Biosafety Cabinet SKU: BCBS-203	Class II Biosafety Cabinet SKU: BCBS-204	Class II Biosafety Cabinet SKU: BCBS-205
External Size (W*D*H)	1100*755*2200mm	1300*755*2200mm	1500*755*2200mm	1800*755*2230mm	1950*775*2230mm
Internal Size (W*D*H)	940*600*660mm	1150*600*660mm	1350*600*660mm	1625*600*660mm	1800*600*660mm
Tested Opening	Safety height 200mm (8")	Safety height 200mm (8")	Safety height 200mm (8")	Safety height 200mm (8")	Safety height 200mm (8")
Max Opening	480mm	480mm	480mm	480mm	480mm
Inflow Velocity	0.5310.025m/s.	0.5310.025m/s.	0.5310.025m/s.	0.5310.025m/s.	0.5310.025m/s.



Class II Biosafety Cabinet
SKU: BCBS-201



Class II Biosafety Cabinet
SKU: BCBS-202



Class II Biosafety Cabinet
SKU: BCBS-203



Class II Biosafety Cabinet
SKU: BCBS-204



Class II Biosafety Cabinet
SKU: BCBS-205

Class II Biosafety Cabinet Series 100

TABLE 2 OF 6

Specification	Class II Biosafety Cabinet SKU: BCBS-206	Class II Biosafety Cabinet SKU: BCBS-307	Class II Biosafety Cabinet SKU: BCBS-308	Class II Biosafety Cabinet SKU: BCBS-309	Class II Biosafety Cabinet SKU: BCBS-310
External Size (W*D*H)	1100*775*2250mm	1380*760*2100mm	1087*760*2100mm	1877*760*2100mm	1500*775*2250mm
Internal Size (W*D*H)	940*600*660mm	1220*600*630mm	910*600*630mm	1700*600*630mm	1350*600*660mm
Tested Opening	Safety height 200mm (8")	Safety Height 200mm(8")	Safety Height 200mm(8")	Safety Height 200mm(8")	Safety height 200mm (8")
Max Opening	Max Opening 480mm	440mm(17")	440mm(17")	440mm(17")	Max Opening 480mm
Inflow Velocity	0.53±0.025 m/s.	0.53±0.025m/s	0.53±0.025m/s	0.53±0.025m/s	0.53±0.025 m/s.



Class II Biosafety Cabinet
SKU: BCBS-206



Class II Biosafety Cabinet
SKU: BCBS-307



Class II Biosafety Cabinet
SKU: BCBS-308



Class II Biosafety Cabinet
SKU: BCBS-309



Class II Biosafety Cabinet
SKU: BCBS-310

Class II Biosafety Cabinet Series 100

TABLE 3 OF 6

Specification	Class II Biosafety Cabinet SKU: BCBS-402	Class II Biosafety Cabinet SKU: BCBS-404	Class II Biosafety Cabinet SKU: BCBS-601	Class II Biosafety Cabinet SKU: BCBS-602	Class II Biosafety Cabinet SKU: BCBS-603
External Size (W*D*H)	1300*775*2250mm	1800*775*2280mm	700*700*2000mm	1100*800*2200mm	1300*800*2200mm
Internal Size (W*D*H)	1150*600*660mm	1625*600*660mm	600*500*540mm	940*600*660mm	1150*600*660mm
Tested Opening	Safety height 200mm (8")	Safety height 200mm (8")	Safety height 200mm	Safety height 200mm (8")	Safety height 200mm (8")
Max Opening	Max Opening 480mm	Max Opening 480mm	360mm	460mm	460mm
Inflow Velocity	0.53±0.025 m/s.	0.53±0.025 m/s.	0.5310.025m/s	0.53±0.025 m/s.	0.53±0.025 m/s.



Class II Biosafety Cabinet
SKU: BCBS-402



Class II Biosafety Cabinet
SKU: BCBS-404



Class II Biosafety Cabinet
SKU: BCBS-601



Class II Biosafety Cabinet
SKU: BCBS-602



Class II Biosafety Cabinet
SKU: BCBS-603

Class II Biosafety Cabinet Series 100

TABLE 4 OF 6

Specification	Class II Biosafety Cabinet SKU: BCBS-604	Class II Biosafety Cabinet SKU: BCBS-605	Class II Biosafety Cabinet SKU: BCBS-801	Class II Biosafety Cabinet SKU: BCBS-802	Class II Biosafety Cabinet SKU: BCBS-803
External Size (W*D*H)	1500*800*2200mm	1800*800*2230mm	1100*750*2255mm	1500*770*2290mm	1875*795*2280mm
Internal Size (W*D*H)	1350*600*660mm	1625*600*660mm	940*600*660mm	1350*600*660mm	1700*600*660mm
Tested Opening	Safety height 200mm (8")	Safety height 200mm (8")	Safety Height 200mm(8")	Safety Height 200mm(8")	Safety Height 200mm(8")
Max Opening	460mm	460mm	420mm(17")	500mm(20")	480mm(20")
Inflow Velocity	0.53±0.025 m/s.	0.53±0.025 m/s.	0.53±0.025m/s	0.53±0.025m/s	0.53±0.025m/s



Class II Biosafety Cabinet
SKU: BCBS-604



Class II Biosafety Cabinet
SKU: BCBS-605



Class II Biosafety Cabinet
SKU: BCBS-801



Class II Biosafety Cabinet
SKU: BCBS-802



Class II Biosafety Cabinet
SKU: BCBS-803

Class II Biosafety Cabinet Series 100

TABLE 5 OF 6

Specification	Class II Biosafety Cabinet SKU: BCBS-901	Class II Biosafety Cabinet SKU: BCBS-902	Class II Biosafety Cabinet SKU: BCBS-903	Class II Biosafety Cabinet SKU: BCBS-904	Class II Biosafety Cabinet SKU: BDL-1205
External Size (W*D*H)	1100*800*2250mm	1300*800*2250mm	1500*800*2250mm	1800*800*2280mm	1950*800*2280mm
Internal Size (W*D*H)	940*600*660mm	1150*600*660mm	1350*600*660mm	1625*600*660mm	1800*600*660mm
Tested Opening	Safety height 200mm (8")	Safety height 200mm (8")	Safety height 200mm (8")	Safety height 200mm (8")	Safety height 200mm (8")
Max Opening	460mm	460mm	460mm	460mm	460mm
Inflow Velocity	0.53±0.025m/s	0.53±0.025m/s	0.53±0.025m/s	0.53±0.025m/s	0.53±0.025 m/s.



Class II Biosafety Cabinet
SKU: BCBS-901



Class II Biosafety Cabinet
SKU: BCBS-902



Class II Biosafety Cabinet
SKU: BCBS-903



Class II Biosafety Cabinet
SKU: BCBS-904



Class II Biosafety Cabinet
SKU: BDL-1205

Class II Biosafety Cabinet Series 100

TABLE 6 OF 6

Specification	Class II Biosafety Cabinet SKU: BDL-1301
External Size (W*D*H)	1500*785*2220mm
Internal Size (W*D*H)	1220*700*660mm
Tested Opening	Safety height 200mm
Max Opening	450mm
Inflow Velocity	0.480.025m/s



Class II Biosafety Cabinet
SKU: BDL-1301

Class II Biosafety Cabinet Series 100

TABLE 1 OF 2

Specification	Class II Biosafety Cabinet SKU: BCBS-301	Class II Biosafety Cabinet SKU: BCBS-1201	Class II Biosafety Cabinet SKU: BCBS-1202	Class II Biosafety Cabinet SKU: BCBS-1203	Class II Biosafety Cabinet SKU: BCBS-1204
External Size(W*D*H)	700*650*1230mm(without base stand)	700*650*1230mm	1100*750*2210mm	1100*750*2210mm	1873*780*2310mm
Internal Size(W*D*H)	600*500*540mm	600*500*540mm	940*600*660mm	1210*600*660mm	1700*600*660mm
Tested Opening	Safety height 200mm(8")	Safety height 200mm(8")	Safety Height 200mm(8")	Safety Height 200mm(8")	Safety Height 200mm(8")
Max Opening	370mm(15")	370mm(15")	420mm(17")	500mm (20")	520mm(21")
Inflow Velocity	0.53±0.025m/s	0.53±0.025m/s	0.53±0.025 m/s.	0.53±0.025 m/s.	0.53±0.025 m/s.



Class II Biosafety Cabinet
SKU: BCBS-301



Class II Biosafety Cabinet
SKU: BCBS-1201



Class II Biosafety Cabinet
SKU: BCBS-1202



Class II Biosafety Cabinet
SKU: BCBS-1203



Class II Biosafety Cabinet
SKU: BCBS-1204

Class II Biosafety Cabinet Series 100

TABLE 2 OF 2

Specification	Class II Biosafety Cabinet SKU: BCBS-1205	Class II Biosafety Cabinet SKU: BDL-1003
External Size(W*D*H)	700*650*1920mm(700*650*1280mm without base stand)	1500*760*2160mm
Internal Size(W*D*H)	600*500*540mm	1400*600*660mm
Tested Opening	Safety height 200mm	Safety Height 200mm(8")
Max Opening	380mm	460mm(18")
Inflow Velocity	0.53±0.025m/s	0.53±0.025 m/s.



Class II Biosafety Cabinet
SKU: BCBS-1205



Class II Biosafety Cabinet
SKU: BDL-1003

Class II Biosafety Cabinet Series 100

Specification	Class II Biosafety Cabinet SKU: BCBS-304	Class II Biosafety Cabinet SKU: BDL-401	Class II Biosafety Cabinet SKU: BDL-402
External Size(W*D*H)	1087*775*2265mm	700*650*1920mm	700*650*1920mm
Internal Size(W*D*H)	910*600*660mm	600*500*540mm	600*500*540mm
Work Surface Height	750mm	750mm	750mm
Max Opening Height	520mm (21")	370mm	370mm
Testing Opening	Safety height 200mm (8")	Safety height 254mm (10")	Safety height 254mm (10")



Class II Biosafety Cabinet
SKU: BCBS-304



Class II Biosafety Cabinet
SKU: BDL-401



Class II Biosafety Cabinet
SKU: BDL-402

Class II Biosafety Cabinet Series 100

TABLE 1 OF 2

Specification	Class II Biosafety Cabinet SKU: BCBS-305	Class II Biosafety Cabinet SKU: BCBS-701	Class II Biosafety Cabinet SKU: BCBS-702	Class II Biosafety Cabinet SKU: BCBS-703	Class II Biosafety Cabinet SKU: BDL-503
External Size(W*D*H)	1383*775*2295mm	1087*775*2265 mm	1383*775*2295mm	1873*775*2295mm	1087*775*2265 mm
Internal Size(W*D*H)	1210*600*660mm	910*600*660mm	1210*600*660mm	1700*600*660mm	910*600*660mm
Work SurfaceHeight	750mm with optional base stand	750mm with optional base stand	750mm with optional base stand	750mm with optional base stand	750mm with optional base stand
Max Opening	550mmn (22")	520mm (20.5")	520mm (22")	550mm (22")	520mm (20.5")
Tested Opening	Safety height 200mm(8")	Safety height 254mm(10")	Safety height 254mm(10")	Safety height 254mm(10")	Safety height 254mm(10")



Class II Biosafety Cabinet
SKU: BCBS-305



Class II Biosafety Cabinet
SKU: BCBS-701



Class II Biosafety Cabinet
SKU: BCBS-702



Class II Biosafety Cabinet
SKU: BCBS-703



Class II Biosafety Cabinet
SKU: BDL-503

Class II Biosafety Cabinet Series 100

TABLE 2 OF 2

Specification	Class II Biosafety Cabinet SKU: BDL-505	Class II Biosafety Cabinet SKU: BDL-507
External Size(W*D*H)	1383*775*2295mm	1873*775*2295mm
Internal Size(W*D*H)	1210*600*660mm	1700*600*660mm
Work SurfaceHeight	750mm with optional base stand	750mm with optional base stand
Max Opening	520mm (22")	550mm (22")
Tested Opening	Safety height 254mm(10")	Safety height 254mm(10")



Class II Biosafety Cabinet
SKU: BDL-505



Class II Biosafety Cabinet
SKU: BDL-507

Class II Biosafety Cabinet Series 100

Specification	Class II Biosafety Cabinet SKU: BCBS-1101	Class II Biosafety Cabinet SKU: BCBS-1102
External Size(W*D*H)	1087*800*2260mm	1383*800*2260mm
Internal Size(W*D*H)	980*600*650mm	1280*600*650mm
Work Surface Height	750mm	750mm
Max Opening Height	500mm	500mm
Tested Opening	200mm	200mm



Class II Biosafety Cabinet
SKU: BCBS-1101



Class II Biosafety Cabinet
SKU: BCBS-1102

Class II Biosafety Cabinet Series 100

Specification	Class II Biosafety Cabinet SKU: BCBS-1103
External Size(W*D*H)	700*700*2000mm
Internal Size(W*D*H)	600*500*540mm
Work Surface Height	750mm
Max Opening Height	350mm
Safe OperationOpening Height	200mm



Class II Biosafety Cabinet
SKU: BCBS-1103

Class II Biosafety Cabinet Series 100

Specification	Class II Biosafety Cabinet SKU: BDL-1401	Class II Biosafety Cabinet SKU: BDL-1402
External Size(W*D*H)	1383*775*2330mm	1383*775*2330mm
Internal Size(W*D*H)	1210*600*660 mm	1210*600*660 mm
Tested Opening	Safety height 200mm (8")	Safety height 200mm (8")
Max Opening	550mm(22")	550mm(22")
Exhaust Airflow Volume	100%: 1320m?h(776cfm)	100%: 1320m?h(776cfm)



Class II Biosafety Cabinet
SKU: BDL-1401



Class II Biosafety Cabinet
SKU: BDL-1402

Class II Biosafety Cabinet Series 200

Specification	Class II Biosafety Cabinet SKU: BER-3801	Class II Biosafety Cabinet SKU: BER-3802	Class II Biosafety Cabinet SKU: BER-3803	Class II Biosafety Cabinet SKU: BER-3804	Class II Biosafety Cabinet SKU: BER-3805
Classification	A2: 30% efflux, 70% internal circulation	A2: 30% efflux, 70% internal circulation	A2: 30% efflux, 70% internal circulation	A2: 30% efflux, 70% internal circulation	A2: 30% efflux, 70% internal circulation
Cleanliness	Class 100	Class 100	Class 100	Class 100	Class 100
Collection Efficiency	0.3um particle ≥99.995%	0.3um particle ≥99.995%	0.3um particle ≥99.995%	0.3um particle ≥99.995%	0.3um particle ≥99.995%
Colony count	≤0.5/vessel (petri dish is Φ90mm)	≤0.5/vessel (petri dish is Φ90mm)	≤0.5/vessel (petri dish is Φ90mm)	≤0.5/vessel (petri dish is Φ90mm)	≤0.5/vessel (petri dish is Φ90mm)
Noise Level	≤67db	≤67db	≤67db	≤67db	≤67db



Class II Biosafety Cabinet
SKU: BER-3801



Class II Biosafety Cabinet
SKU: BER-3802



Class II Biosafety Cabinet
SKU: BER-3803



Class II Biosafety Cabinet
SKU: BER-3804



Class II Biosafety Cabinet
SKU: BER-3805

Class II Biosafety Cabinet Series 300

Specification	Class II Biosafety Cabinet SKU: BEV-905	Class II Biosafety Cabinet SKU: BEV-906	Class II Biosafety Cabinet SKU: BEV-907	Class II Biosafety Cabinet SKU: BEV-908
Clean rating	International standard ISO14644.1 CLASS 5 (US209E, CLASS 100)	International standard ISO14644.1 CLASS 5 (US209E, CLASS 100)	International standard ISO14644.1 CLASS 5 (US209E, CLASS 100)	International standard ISO14644.1 CLASS 5 (US209E, CLASS 100)
Inflow velocity	0.53 m/s	Net weight (KG)	0.56 m/s	0.56 m/s
Down-flow velocity	0.35 m/s	0.35 m/s	0.35 m/s	0.35 m/s
Down-flow velocity precision	±0.015 m/s	±0.015 m/s	±0.015 m/s	±0.015 m/s
Noise level (dB)	≤65	≤65	≤65	≤65



Class II Biosafety Cabinet
SKU: BEV-905



Class II Biosafety Cabinet
SKU: BEV-906



Class II Biosafety Cabinet
SKU: BEV-907



Class II Biosafety Cabinet
SKU: BEV-908

Class II Biosafety Cabinet Series 400

Specification	Class II Biosafety Cabinet SKU: BGI-5501	Class II Biosafety Cabinet SKU: BGI-5502	Class II Biosafety Cabinet SKU: BGI-5503	Class II Biosafety Cabinet SKU: BGI-5504
Internal Dimensions (WxDxH) mm	920x580x655	1220x580x655	1520x580x655	1820x580x655
External Dimensions (WxDxH) mm	1040x810x2100	1340x810x2100	1640x810x2100	1940x810x2100
Downflow Velocity	0.33m/s	0.33m/s	0.33m/s	0.33m/s
Inflow Velocity	0.53m/s	0.53m/s	0.53m/s	0.53m/s
Working Access Opening Height	200mm	200mm	200mm	200mm



Class II Biosafety Cabinet
SKU: BGI-5501



Class II Biosafety Cabinet
SKU: BGI-5502



Class II Biosafety Cabinet
SKU: BGI-5503



Class II Biosafety Cabinet
SKU: BGI-5504

BIOLOGICAL SAFETY CABINET

CLASS III BIOSAFETY CABINET

OVERVIEW

Class III biosafety cabinets are gas-tight enclosures designed for work with high-risk biological agents. These cabinets feature fully enclosed work areas accessed via long butyl-rubber gloves and include pass-through transfer chambers; models offer internal working widths around 910–1165 mm

Highlights

- Gas-tight enclosure
- Pass-through chamber
- Butyl-rubber gloves
- Spacious work area

For Detailed Technical Info & Accessories

Scan to view detailed technical information & accessories, or visit the link below.

CATALOG LINK

https://biolabscientific.com/content/catalogs/1703-Catalog-Biolab.pdf

Class III Biosafety Cabinet Series 100

Specification	Class III Biosafety Cabinet SKU: BCBS-502	Class III Biosafety Cabinet SKU: BCBS-503
External Size(W*D*H)	1790*880*2080 mm	1540*880*2000 mm
Internal Size(W*D*H)	1165*650*660 mm	910*650*660 mm
Pass Box Size(W*D*H)	Internal Size:430*330*355mmExternal Size:575*425*495mm	Internal Size:430*330*355mmExternal Size:575*425*495mm
Gloves	One pair of 800mm butyl rubber gloves	One pair of 800mm butyl rubber gloves
Front Window	8 mm toughened glass, anti-ultraviolet radiation	8 mm toughened glass, anti-ultraviolet radiation



Class III Biosafety Cabinet
SKU: BCBS-502



Class III Biosafety Cabinet
SKU: BCBS-503

Class III Biosafety Cabinet Series 100

Specification	Class III Biosafety Cabinet SKU: BDL-2001
External Size	1920*950*2180mm
Internal Size	1170*640*600mm
Pass Box Size	580*440*560mm
Gloves	One pair of 800mm butyl rubber gloves
Front Window	12mm tempered glass, anti-ultraviolet radiation



Class III Biosafety Cabinet
SKU: BDL-2001

Class III Biosafety Cabinet Series 200

Specification	Class III Biosafety Cabinet SKU: BJU-101	Class III Biosafety Cabinet SKU: BJU-102
External Size (WxDxH)	1540x880x2000 mm	1790x880x2080 mm
Internal Size (WxDxH)	910x680x680 mm	1165x680x680 mm
Pass Box External Size (WxDxH)	575x445x469 mm	-
Pass Box Internal Size (WxDxH)	430x330x356 mm	-
Control System Display	LCD display	LCD display



Class III Biosafety Cabinet
SKU: BJU-101



Class III Biosafety Cabinet
SKU: BJU-102

BIOLOGICAL SAFETY CABINET

MEDICAL BIOLOGICAL SAFETY CABINETS

OVERVIEW

Medical biological safety cabinets provide vertical laminar flow work areas with HEPA filters rated 99.999 % at 0.3 µm and UV sterilization. Anti-bacteria coated steel housing, stainless-steel work surfaces, safety interlocks and low-noise operation ensure a controlled environment for sensitive sample handling.

Highlights

- HEPA-filtered airflow
- UV sterilization with timer
- Anti-bacteria coated steel
- Stainless steel work surface

For Detailed Technical Info & Accessories

Scan to view detailed technical information & accessories, or visit the link below.

CATALOG LINK

https://biolabscientific.com/content/catalogs/1709-Catalog-Biolab.pdf

Medical Biological Safety Cabinets Series 100

Specification	Medical Biological Safety Cabinets SKU: BDL-4501	Medical Biological Safety Cabinets SKU: BDL-4502	Medical Biological Safety Cabinets SKU: BDL-4503	Medical Biological Safety Cabinets SKU: BDL-4504
External Size (W*D*H)	1047*800*2450mm	1247*800*2450mm	1547*800*2450mm	1847*800*2450mm
Internal Size (W*D*H)	787*500*700mm	987*500*700mm	1287*500*700mm	1587*500*700mm
Work Surface Height	820mm	820mm	820mm	820mm
Max. Opening	740mm	740mm	740mm	740mm
Material Main Body	Made of Porcelain white PP, thickness 8mm, resistant to strong acid, alkali and anti-corrosion.	Made of Porcelain white PP, thickness 8mm, resistant to strong acid, alkali and anti-corrosion.	Made of Porcelain white PP, thickness 8mm, resistant to strong acid, alkali and anti-corrosion.	Made of Porcelain white PP, thickness 8mm, resistant to strong acid, alkali and anti-corrosion.



Medical Biological Safety Cabinets
SKU: BDL-4501



Medical Biological Safety Cabinets
SKU: BDL-4502



Medical Biological Safety Cabinets
SKU: BDL-4503



Medical Biological Safety Cabinets
SKU: BDL-4504

Medical Biological Safety Cabinets Series 100

Specification	Medical Biological Safety Cabinets SKU: BPCR-101	Medical Biological Safety Cabinets SKU: BPCR-102	Medical Biological Safety Cabinets SKU: BPCR-103	Medical Biological Safety Cabinets SKU: BPCR-104	Medical Biological Safety Cabinets SKU: BPCR-105
External Size (W*D*H)	800*700*1770mm	1000*705*1770mm	1200*700*1770mm	1300*700*1770mm	1500*700*1770mm
Internal Size (W*D*H)	700*595*550mm	900*595*560mm	1100*595*550mm	1200*595*550mm	1400*595*550mm
Work Surface Height	750mm	750mm	750mm	750mm	750mm
Material	Main Body: Cold-rolled steel with anti-bacteria powder coatingWork Table: 304 stainless steel	Main Body: Cold-rolled steel with anti-bacteria powder coatingWork Table: 304 stainless steel	Main Body: Cold-rolled steel with anti-bacteria powder coatingWork Table: 304 stainless steel	Main Body: Cold-rolled steel with anti-bacteria powder coatingWork Table: 304 stainless steel	Main Body: Cold-rolled steel with anti-bacteria powder coatingWork Table: 304 stainless steel
Front & Side Windows	5mm toughened glass , anti-UVMotorized	5mm toughened glass , anti-UVManual	5mm toughened glass , anti-UVMotorized	5mm toughened glass , anti-UVMotorized	5mm toughened glass , anti-UVMotorized



Medical Biological Safety Cabinets
SKU: BPCR-101



Medical Biological Safety Cabinets
SKU: BPCR-102



Medical Biological Safety Cabinets
SKU: BPCR-103



Medical Biological Safety Cabinets
SKU: BPCR-104



Medical Biological Safety Cabinets
SKU: BPCR-105

Medical Biological Safety Cabinets Series 100

Specification	Medical Biological Safety Cabinets SKU: BPCR-201	Medical Biological Safety Cabinets SKU: BPCR-202	Medical Biological Safety Cabinets SKU: BPCR-203
External Size(L*W*H)mm	1600*710*1900mm	2100*710*2000mm	2500*850*2100mm
Reagent Preparation Area Operating Area Size (L*W*H)	440*560*510	640*560*510	640*560*610
Reagent Preparation Area Pressure	Positive	Positive	Positive
Reagent Preparation Area Airflow Velocity (m/s)	0.3~0.45	0.3~0.45	0.3~0.45
Reagent Preparation Area Airflow Volume (m?/h)	190~290	290~430	380~560



Medical Biological Safety Cabinets
SKU: BPCR-201



Medical Biological Safety Cabinets
SKU: BPCR-202



Medical Biological Safety Cabinets
SKU: BPCR-203

BLOOD CULTURE SYSTEM

AUTOMATED BLOOD CULTURE SYSTEM

OVERVIEW

Automated blood culture systems handle 50 to more than 240 specimens with negative-pressure blood sampling and constant-temperature rotating and shaking incubation. Optical detection and colorimetric sensors monitor microbial growth, while modular drawer incubators scale to thousands of bottle positions and provide a graphical interface.

Highlights

- 50–240 specimens
- Negative-pressure sampling
- Rotating/shaking culture
- Optical & color detection

For Detailed Technical Info & Accessories

Scan to view detailed technical information & accessories, or visit the link below.

CATALOG LINK

https://biolabscientific.com/content/catalogs/7201-Catalog-Biolab.pdf

Automated Blood Culture System Series 100

Specification	Automated Blood Culture System SKU: BBCS-101	Automated Blood Culture System SKU: BBCS-102	Automated Blood Culture System SKU: BBCS-103	Automated Blood Culture System SKU: BBCS-104
Specimen Number	50 specimens	60 specimens	100 specimens	120 specimens
Specimen Collection	Negative pressure quantitative blood sampling	Negative pressure quantitative blood sampling	Negative pressure quantitative blood sampling	Negative pressure quantitative blood sampling
Culture Method	Constant temperature, rotating and shaking culture	Constant temperature, rotating and shaking culture	Constant temperature, rotating and shaking culture	Constant temperature, rotating and shaking culture
Testing Method	Optical detection + color development at the bottom of the bottle, using both technologies at the same time	Optical detection + color development at the bottom of the bottle, using both technologies at the same time	Optical detection + color development at the bottom of the bottle, using both technologies at the same time	Optical detection + color development at the bottom of the bottle, using both technologies at the same time
Testing Time	The instrument automatically detects and records each specimen every ten minutes, and forms a curve at the same time	The instrument automatically detects and records each specimen every ten minutes, and forms a curve at the same time	The instrument automatically detects and records each specimen every ten minutes, and forms a curve at the same time	The instrument automatically detects and records each specimen every ten minutes, and forms a curve at the same time



Automated Blood Culture System
SKU: BBCS-101



Automated Blood Culture System
SKU: BBCS-102



Automated Blood Culture System
SKU: BBCS-103



Automated Blood Culture System
SKU: BBCS-104

Automated Blood Culture System Series 100

Specification	Automated Blood Culture System SKU: BBCS-105
Specimen position	240 specimen for a single machine; 4 incubators, 60 specimens for a single incubator
Instrument scalability	Modular management mode, which can be expanded to 64 instruments (15360 bottle positions)
Heating and temperature control	Drawer type incubator, independent heating for effective temperature control
Operation interface	Graphic display of bottle position on computer interface, display of culture process curve
Blind placement	Supports blind placement and blind picking; supports anonymous bottle culture and distinguishes anonymous bottle shapes



Automated Blood Culture System
SKU: BBCS-105

CABINET

SLIDE CABINET

OVERVIEW

Slide cabinets are fabricated from SPCC cold-rolled steel and feature modular drawers for organised storage of tissue blocks or microscope slides. Configurations range from 18 to 84 drawers with capacities accommodating thousands of slides or up to 11 000 blocks.

Highlights

- Cold-rolled steel construction
- Modular drawer design
- High slide capacity
- Block/slide storage

For Detailed Technical Info & Accessories

Scan to view detailed technical information & accessories, or visit the link below.

CATALOG LINK

https://biolabscientific.com/content/catalogs/6503-Catalog-Biolab.pdf

Slide Cabinet Series 100

Specification	Slide Cabinet SKU: BCBT-301
Base Material	SPCC 1.2 mm cold-rolled steel
Main Body and Drawer Material	SPCC 0.8 mm steel
Drawers	84 drawers (12 layers, 7 per layer)
Capacity	Holds up to 75,600 microscope slides (900 per drawer)
Sliding Rails	ABS sliding rails ensure smooth movement



Slide Cabinet
SKU: BCBT-301

Slide Cabinet Series 100

Specification	Slide Cabinet SKU: BCBT-301-A
Base Material	SPCC 1.2 mm cold-roll steel sheets (BaoSteel)
Main Body and Drawers	SPCC 0.8 mm cold-roll steel sheets
Configuration	Base + 12 layers of 72 drawers (6 drawers per layer, total 72 drawers)
Capacity	Accommodates up to 64,800 microscope slides (900 per drawer)
Drawer Locking	Each layer can be individually locked



Slide Cabinet
SKU: BCBT-301-A

Slide Cabinet Series 100

Specification	Slide Cabinet SKU: BCBT-302
Base Material	SPCC 1.2 mm cold-roll steel sheets
Main Body and Drawers	SPCC 0.8 mm cold-roll steel sheets
Configuration	Base with three modules on top containing 18 drawers (6 drawers per module)
Capacity	Accommodates up to 11,000 tissue blocks
Drawer Design	Movable dividing boards inside drawers for flexible filing



Slide Cabinet
SKU: BCBT-302

Slide Cabinet Series 100

Specification	Slide Cabinet SKU: BCBT-303
Base Material	SPCC 1.2 mm cold-roll steel sheets
Main Body and Drawers	SPCC 0.8 mm cold-roll steel sheets
Configuration	Base with three modules on top containing 18 drawers (6 drawers per module)
Capacity	Accommodates up to 9,000 microscope slides
Drawer Features	Numbered labels inside drawers make filing more convenient



Slide Cabinet
SKU: BCBT-303

Slide Cabinet Series 100

Specification	Slide Cabinet SKU: BCBT-304
Base Material	SPCC 1.2 mm cold-roll steel sheets
Main Body and Drawers	SPCC 0.8 mm cold-roll steel sheets
Configuration	Base with four stacked modules
Capacity	Each module accommodates up to 96 microscope slide-drying boards (24 in each section)
Slot Manufacturing	Specifically manufactured using a metal mold



Slide Cabinet
SKU: BCBT-304

CABINET

STRONG ACID AND ALKALI STORAGE CABINET

OVERVIEW

Polypropylene storage cabinets designed to safely store strong acids and alkalis. Offered in capacities from 4 to 90 gallons, they use corrosion-resistant construction with optional adjustable shelves and single or double manual doors for secure chemical storage.

Highlights

- Corrosion-resistant PP
- 4–90 gallon capacities
- Adjustable shelves
- Single or double doors

For Detailed Technical Info & Accessories

Scan to view detailed technical information & accessories, or visit the link below.

CATALOG LINK

https://biolabscientific.com/content/catalogs/6502-Catalog-Biolab.pdf

Strong acid and Alkali Storage Cabinet Series 100

TABLE 1 OF 2

Specification	Strong acid and Alkali Storage Cabinet SKU: BCBT-201	Strong acid and Alkali Storage Cabinet SKU: BCBT-202	Strong acid and Alkali Storage Cabinet SKU: BCBT-203	Strong acid and Alkali Storage Cabinet SKU: BCBT-204	Strong acid and Alkali Storage Cabinet SKU: BCBT-205
Capacity	4 gallon(15L)	12 gallon(45L)	20 gallon(75L)	28 gallon(105L)	30 gallon(114L)
Material	PP	PP	PP	PP	PP
Adjustable Shelf	Optional	1pc	1pc	2pcs	2pcs
Door	Single/Manual	Single/Manual	Double/Manual	Double/Manual	Double/Manual
External Size(W*D*H)mm	430*430*560	590*460*890	910*590*890	910*600*900	1090*460*1120



Strong acid and Alkali Storage Cabinet
SKU: BCBT-201



Strong acid and Alkali Storage Cabinet
SKU: BCBT-202



Strong acid and Alkali Storage Cabinet
SKU: BCBT-203



Strong acid and Alkali Storage Cabinet
SKU: BCBT-204



Strong acid and Alkali Storage Cabinet
SKU: BCBT-205

Strong acid and Alkali Storage Cabinet Series 100

TABLE 2 OF 2

Specification	Strong acid and Alkali Storage Cabinet SKU: BCBT-206	Strong acid and Alkali Storage Cabinet SKU: BCBT-207	Strong acid and Alkali Storage Cabinet SKU: BCBT-208
Capacity	45 gallon(170L)	60 gallon(227L)	90 gallon(340L)
Material	PP	PP	PP
Adjustable Shelf	2pcs	2pcs	2pcs
Door	Double/Manual	Double/Manual	Double/Manual
External Size(W*D*H)mm	1090*460*1650	860*860*1650	1090*860*1650



Strong acid and Alkali Storage Cabinet
SKU: BCBT-206



Strong acid and Alkali Storage Cabinet
SKU: BCBT-207



Strong acid and Alkali Storage Cabinet
SKU: BCBT-208

CABINET

WEAK ACID AND ALKALI CHEMICAL STORAGE CABINET

OVERVIEW

These cabinets safely store weak acids and alkalis with double-layer fire-resistant steel and polypropylene trays. Capacities range from 15 to 340 litres, with adjustable shelves and manual single or double doors to secure hazardous chemicals.

Highlights

- 15–340 L capacity
- Double-layer steel
- Adjustable shelves
- Single or double doors

For Detailed Technical Info & Accessories

Scan to view detailed technical information & accessories, or visit the link below.

CATALOG LINK

https://biolabscientific.com/content/catalogs/6501-Catalog-Biolab.pdf

Weak acid and alkali Chemical storage cabinet Series 100

TABLE 1 OF 2

Specification	Weak acid and alkali Chemical storage cabinet SKU: BCBT-101	Weak acid and alkali Chemical storage cabinet SKU: BCBT-102	Weak acid and alkali Chemical storage cabinet SKU: BCBT-103	Weak acid and alkali Chemical storage cabinet SKU: BCBT-104	Weak acid and alkali Chemical storage cabinet SKU: BCBT-105
Capacity	4 gallon(15L)	12 gallon(45L)	22 gallon(83L)	30 gallon(114L)	45 gallon(170L)
Material	Double-layer anti-fire cold-rolled steel,PP tray	Double-layer anti-fire cold-rolled steel,PP tray	Double-layer anti-fire cold-rolled steel,PP tray	Double-layer anti-fire cold-rolled steel,PP tray	Double-layer anti-fire cold-rolled steel,PP tray
Adjustable Shelf	1pc	1pc	3pcs	1pc	2pcs
Door	Single/Manual	Single/Manual	Single/Manual	Double/Manual	Double/Manual
External Size(W*D*H)mm	430*430*560	590*460*890	600*460*1650	1090*460*1120	1090*460*1650



Weak acid and alkali Chemical storage cabinet
SKU: BCBT-101



Weak acid and alkali Chemical storage cabinet
SKU: BCBT-102



Weak acid and alkali Chemical storage cabinet
SKU: BCBT-103



Weak acid and alkali Chemical storage cabinet
SKU: BCBT-104



Weak acid and alkali Chemical storage cabinet
SKU: BCBT-105

Weak acid and alkali Chemical storage cabinet Series 100

TABLE 2 OF 2

Specification	Weak acid and alkali Chemical storage cabinet SKU: BCBT-106	Weak acid and alkali Chemical storage cabinet SKU: BCBT-107
Capacity	60 gallon(227L)	90 gallon(340L)
Material	Double-layer anti-fire cold-rolled steel,PP tray	Double-layer anti-fire cold-rolled steel,PP tray
Adjustable Shelf	2pcs	2pcs
Door	Double/Manual	Double/Manual
External Size(W*D*H)mm	860*860*1650	1090*860*1650



Weak acid and alkali Chemical storage cabinet
SKU: BCBT-106



Weak acid and alkali Chemical storage cabinet
SKU: BCBT-107

CENTRIFUGE

BLOOD BANK REFRIGERATED CENTRIFUGE

OVERVIEW

Blood bank refrigerated centrifuges combine high-capacity swing-bucket rotors with microprocessor control to process blood bags and tubes. Models offer speeds up to 8000 rpm and RCF up to 14551×g, accommodate up to eight 2000 ml bottles and include timers up to about 10 hours

Highlights

- High-speed rotation
- Large volume capacity
- Swing-bucket rotors
- Microprocessor control

For Detailed Technical Info & Accessories

Scan to view detailed technical information & accessories, or visit the link below.

CATALOG LINK

https://biolabscientific.com/content/catalogs/1801-Catalog-Biolab.pdf

Blood Bank Refrigerated Centrifuge Series 100

Specification	Blood Bank Refrigerated Centrifuge SKU: BBRC-204	Blood Bank Refrigerated Centrifuge SKU: BEW-104
Max speed	8000 r/min	8000 r/min
Max RCF	11260 xg	11260 xg
Max capacity	6x2400 ml	6x2400 ml
Speed accuracy	±10 r/min	±10 r/min
Time setting	1s~99h 59min59s	1s~99h 59min59s



Blood Bank Refrigerated Centrifuge
SKU: BBRC-204



Blood Bank Refrigerated Centrifuge
SKU: BEW-104

Blood Bank Refrigerated Centrifuge Series 200

Specification	Blood Bank Refrigerated Centrifuge SKU: BBRC-201	Blood Bank Refrigerated Centrifuge SKU: BBRC-208	Blood Bank Refrigerated Centrifuge SKU: BBRC-213
--Max. Capacity	6 x 1000 ml or 6 blood bags	6 x 2 000 ml bottles or 12 blood bags	4 x 750 ml
--Max. Speed	4 500 rpm	4 500 rpm	4 500 rpm with 4 x 750 ml rotor
--Max. RCF	5 880 Xg	7 095 Xg	4 530 Xg with 4 x 750 ml rotor



Blood Bank Refrigerated Centrifuge
SKU: BBRC-201



Blood Bank Refrigerated Centrifuge
SKU: BBRC-208



Blood Bank Refrigerated Centrifuge
SKU: BBRC-213

Blood Bank Refrigerated Centrifuge Series 200

Specification	Blood Bank Refrigerated Centrifuge SKU: BBRC-207
Max. RCF	5 200 Xg with 4 x 250 ml rotor
Max. Speed	5 000 rpm with 4 x 250 ml rotor
Max. Capacity	4 x 250 ml
Control System	Microprocessor
Refrigeration System	CFC-Free



Blood Bank Refrigerated Centrifuge
SKU: BBRC-207

Blood Bank Refrigerated Centrifuge Series 300

Specification	Blood Bank Refrigerated Centrifuge SKU: BBRC-104	Blood Bank Refrigerated Centrifuge SKU: BBRC-202	Blood Bank Refrigerated Centrifuge SKU: BBRC-205
Max speed	6000 rpm	6000 rpm	7000rpm
Max volume	4x1000ml (4 bags)	6x1000ml (6 bags)	6x2400ml(12 bags)
Timer	1~9h59min	1~9h59min	1~9h59min
Dimension(HxDxW)	800x675x830mm	800x740x930mm	940x890x1000mm
Speed accuracy	±20rpm	±20rpm	±20rpm



Blood Bank Refrigerated Centrifuge
SKU: BBRC-104



Blood Bank Refrigerated Centrifuge
SKU: BBRC-202



Blood Bank Refrigerated Centrifuge
SKU: BBRC-205

Blood Bank Refrigerated Centrifuge Series 300

Specification	Blood Bank Refrigerated Centrifuge SKU: BBRC-206
Max. Speed	5000rpm
Max. RCF	4730xg
Max. Volume	4x800ml (4 bags)
Time Range	1~9h59min
Noise	≤ 60dBA



Blood Bank Refrigerated Centrifuge
SKU: BBRC-206

Blood Bank Refrigerated Centrifuge Series 300

Specification	Blood Bank Refrigerated Centrifuge SKU: BBRC-301
Max. Speed	8000rpm
Max. RCF	14551xg
Max. Capacity	8x2000ml (16x500ml blood bag or 8pcs 2000ml bottles)
Time Range	1~9h59min
RPM/RCF Convert	Yes



Blood Bank Refrigerated Centrifuge
SKU: BBRC-301

CENTRIFUGE

LABORATORY HIGH SPEED CENTRIFUGE

OVERVIEW

The high-speed centrifuge range includes tabletop and floor-standing models delivering speeds up to around 21 000 rpm and centrifugal forces exceeding 20 000×g. Capacities span microtubes to 4 × 1 000 mL. Microprocessor control, digital displays and touch-screen interfaces support precise speed, time and program selection.

Highlights

- Up to 21 000 rpm
- High g-forces
- Wide capacity range
- Microprocessor control

For Detailed Technical Info & Accessories

Scan to view detailed technical information & accessories, or visit the link below.

CATALOG LINK

https://biolabscientific.com/content/catalogs/1802-Catalog-Biolab.pdf

Laboratory High Speed Centrifuge Series 100

Specification	Laboratory High Speed Centrifuge SKU: BCBH-204	Laboratory High Speed Centrifuge SKU: BET-2101	Laboratory High Speed Centrifuge SKU: BET-2103
Max speed	18,500r/min	16,500r/min	20,000r/min
Max RCF	24,640xg	19,600xg	28,800xg
Max capacity	4x100ml	4x100ml	4x100ml
Speed accuracy	±30r/min (customizable, multiples of 10)	±30r/min (customizable, multiples of 10)	±30r/min (customizable, multiples of 10)
Control and drive system	High torque AC brushless motor, microcomputer control	High torque AC brushless motor, microcomputer control	High torque AC brushless motor, microcomputer control



Laboratory High Speed Centrifuge
SKU: BCBH-204



Laboratory High Speed Centrifuge
SKU: BET-2101



Laboratory High Speed Centrifuge
SKU: BET-2103

Laboratory High Speed Centrifuge Series 100

Specification	Laboratory High Speed Centrifuge SKU: BCFHR-301	Laboratory High Speed Centrifuge SKU: BCFHR-304	Laboratory High Speed Centrifuge SKU: BET-1502
Max capacity	6x500mL	4x1,000mL	4x1,000mL
Max speed	20,000r/min	25,000r/min	21,000r/min
Max RCF	48,745xg	64,465xg	53,741xg
Speed accuracy	±30r/min (customizable, multiples of 10)	±30r/min (customizable, multiples of 10)	±30r/min (customizable, multiples of 10)
Refrigeration system	Imported fluorine-free refrigeration compressor unit and eco-friendly refrigerant R404a	Imported fluorine-free refrigeration compressor unit and eco-friendly refrigerant R404a	Imported fluorine-free refrigeration compressor unit and eco-friendly refrigerant R404a



Laboratory High Speed Centrifuge
SKU: BCFHR-301



Laboratory High Speed Centrifuge
SKU: BCFHR-304



Laboratory High Speed Centrifuge
SKU: BET-1502

Laboratory High Speed Centrifuge Series 100

Specification	Laboratory High Speed Centrifuge SKU: BET-601	Laboratory High Speed Centrifuge SKU: BET-603
Max speed	16,500r/min	20,000r/min
Max RCF	22,500xg	28,800xg
Speed accuracy	±20r/min (customizable, multiples of 10)	±20r/min (customizable, multiples of 10)
Control and drive system	Microcomputer control, maintenance-free large-torque DC brushless motor	Microcomputer control, maintenance-free large-torque DC brushless motor
Display mode	7" wide-angle LCD touch screen	7" wide-angle LCD touch screen



Laboratory High Speed Centrifuge
SKU: BET-601



Laboratory High Speed Centrifuge
SKU: BET-603

Laboratory High Speed Centrifuge Series 100

Specification	Laboratory High Speed Centrifuge SKU: BET-602
Max capacity	4x100ml
Max speed	18,500r/min
Max RCF	24642xg
Speed accuracy	±20r/min (customizable, multiples of 10)
Control and drive system	Microcomputer control, maintenance-free large-torque DC brushless motor



Laboratory High Speed Centrifuge
SKU: BET-602

Laboratory High Speed Centrifuge Series 100

Specification	Laboratory High Speed Centrifuge SKU: BET-2703
Max speed	10,000r/min
Max RCF	5,000xg
Rotor configuration	6x1.5/0.5/0.2mL2x8x0.2mL
Dimensions (LxWxH)	170mmx150mmx130mm
Weight	1.25kg



Laboratory High Speed Centrifuge
SKU: BET-2703

Laboratory High Speed Centrifuge Series 100

Specification	Laboratory High Speed Centrifuge SKU: BET-3101
Max capacity	4x100ml
Max RCF	14,758xg
Max speed	10,000r/min
Measurement range	pF 2.0-4.2 (0.1 bar-15 bar)
Samples	4/time



Laboratory High Speed Centrifuge
SKU: BET-3101

Laboratory High Speed Centrifuge Series 200

Specification	Laboratory High Speed Centrifuge SKU: BBRC-105	Laboratory High Speed Centrifuge SKU: BCBH-103	Laboratory High Speed Centrifuge SKU: BCBH-104	Laboratory High Speed Centrifuge SKU: BCBL-106	Laboratory High Speed Centrifuge SKU: BEW-102
Max speed	5000 r/min	16500r/min	18500r/min	5000r/min	5000 r/min
Max RCF	4100 xg	23669xg	23797xg	5030xg	4640 xg
Max capacity	4x1000 ml	4x100ml	4x500ml	4x500ml	4x1000 ml
Speed accuracy	±10 r/min	±30r/min	±10r/min	±10r/min	±10 r/min
Time setting	1s~99h 59min59s	1s~99min59s	1min~99min59s	1min~99min59s	1s~99h 59min59s



Laboratory High Speed Centrifuge
SKU: BBRC-105



Laboratory High Speed Centrifuge
SKU: BCBH-103



Laboratory High Speed Centrifuge
SKU: BCBH-104



Laboratory High Speed Centrifuge
SKU: BCBL-106



Laboratory High Speed Centrifuge
SKU: BEW-102

Laboratory High Speed Centrifuge Series 200

Specification	Laboratory High Speed Centrifuge SKU: BEW-1501
Max Speed	18,500 r/min
Max RCF	23,797 x g
Max Capacity	4 x 100 ml
Speed Accuracy	±10 r/min
Time Range	1s-99min59s / 1min-99h59min



Laboratory High Speed Centrifuge
SKU: BEW-1501

Laboratory High Speed Centrifuge Series 300

Specification	Laboratory High Speed Centrifuge SKU: BCBH-303-A	Laboratory High Speed Centrifuge SKU: BCBH-303-C
Centrifugation Speed	100 rpm - 15,000 rpm (100 rpm steps)	100 rpm - 18,000 rpm (100 rpm steps)
Max. Centrifugal Force	21,150 x g	30,400 x g
Max. Capacity	90 ml (5 ml x 18)	300 ml (50 ml x 6)
Time Setting Range	1 min to 99 min (continuous running)	1 min to 99 min (continuous running)
Refrigerated Mode	No	No



Laboratory High Speed Centrifuge
SKU: BCBH-303-A



Laboratory High Speed Centrifuge
SKU: BCBH-303-C

Laboratory High Speed Centrifuge Series 400

Specification	Laboratory High Speed Centrifuge SKU: BCMI-507
Speed Range	500 ~15000rpm (increment: 100rpm)
Max. RCF	15000xg
Max. Sample Capacity	2ml/1.5mlx12
Time Range	20sec ~99min
Acceleration to Max. Speed	around 15s



Laboratory High Speed Centrifuge
SKU: BCMI-507

Laboratory High Speed Centrifuge Series 400

Specification	Laboratory High Speed Centrifuge SKU: BCMI-515
Speed range	500~15000rpm (increment: 100rpm)
Time range	1s~99min59s (can be centrifuged instantly)
Speed up down time range	25 or 45s (to protect special sensitive samples from resuspension)
Rotor capacity	0.2ml/0.5ml/1.5ml/2mlx24; 0.2mlx8 stripx4; 0.5mlx36; 5mlx18
Max. RCF	21400xg



Laboratory High Speed Centrifuge
SKU: BCMI-515

Laboratory High Speed Centrifuge Series 500

Specification	Laboratory High Speed Centrifuge SKU: BCBH-311
Max. RCF	15 800 Xg
Max. Speed	12 000 rpm
Rotor Capacity	24 Capillary tubes
Running Time	1 min - 99 min : 59 s
Drive System	Direct, brushless motor drive



Laboratory High Speed Centrifuge
SKU: BCBH-311

Laboratory High Speed Centrifuge Series 500

Specification	Laboratory High Speed Centrifuge SKU: BCMI-513
Max. RCF	21 630 Xg
Max. Speed	15 000 rpm
Max. Capacity	12 x 5 ml
Running Time	1 min - 99 min : 59 s, Pulse
Drive System	Direct, induction motor drive



Laboratory High Speed Centrifuge
SKU: BCMI-513

Laboratory High Speed Centrifuge Series 500

Specification	Laboratory High Speed Centrifuge SKU: BFD-3101
Control System	Microprocessor
Drive System	Direct, induction motor drive
Display	Full color touchscreen interface
Programmability	via easy access touchscreen menu
Rotor Identification	Auto-ID Instant, immediately upon rotor insertion



Laboratory High Speed Centrifuge
SKU: BFD-3101

Laboratory High Speed Centrifuge Series 600

Specification	Laboratory High Speed Centrifuge SKU: BCBH-203
Max. Speed	16000rpm
Max. RCF	20600xg
Max. Capacity	6x100ml
Time Range	1~99min
Noise	≤ 60dBA



Laboratory High Speed Centrifuge
SKU: BCBH-203

Laboratory High Speed Centrifuge Series 600

Specification	Laboratory High Speed Centrifuge SKU: BCBH-302	Laboratory High Speed Centrifuge SKU: BCBH-306
Max speed	21000rpm	21000rpm
Max volume	6x100ml	4x800ml
Timer	1~99min	0~99h59min
Dimension(HxDxW)	513x370x320mm	700x500x400mm
Speed accuracy	±20rpm	±20rpm



Laboratory High Speed Centrifuge
SKU: BCBH-302



Laboratory High Speed Centrifuge
SKU: BCBH-306

Laboratory High Speed Centrifuge Series 600

Specification	Laboratory High Speed Centrifuge SKU: BCBH-305	Laboratory High Speed Centrifuge SKU: BCBH-402
Max. Speed	16000 rpm	18500rpm
Max. RCF	27170xg	23990xg
Max. Capacity	4x300ml	6x100ml
Time Range	0~99min59sec	0~99min59sec
RPM/RCF Convert	Yes	Yes



Laboratory High Speed Centrifuge
SKU: BCBH-305



Laboratory High Speed Centrifuge
SKU: BCBH-402

Laboratory High Speed Centrifuge Series 600

Specification	Laboratory High Speed Centrifuge SKU: BCBH-307
Max. Speed	12000rpm
Max. RCF	15800xg
Max. Volume	24 capillary tubes
Time Range	0~99min59sec
Noise	≤ 55dBA



Laboratory High Speed Centrifuge
SKU: BCBH-307

Laboratory High Speed Centrifuge Series 600

Specification	Laboratory High Speed Centrifuge SKU: BCBH-401
Max. Speed	12000 rpm
Max. RCF	22650 x g
Max. Capacity	4 x 1000 ml
Timer	1~9h59min
RPM/RCF Convert	Yes



Laboratory High Speed Centrifuge
SKU: BCBH-401

Laboratory High Speed Centrifuge Series 600

Specification	Laboratory High Speed Centrifuge SKU: BCBLR-401
Max. Speed	18500rpm
Max. RCF	23990xg
Max. Volume	4x180ml
Time Range	0~99min59sec
RPM/RCF Convert	Yes



Laboratory High Speed Centrifuge
SKU: BCBLR-401

Laboratory High Speed Centrifuge Series 700

Specification	Laboratory High Speed Centrifuge SKU: BCBH-310
Power supply	AC230V / 50-60 Hz
Power consumption drive	450 W
Max. capacity	50 ml (5 ml x 10)
Max. speed (rpm)	15000
Max. RCF (xg)	20375



Laboratory High Speed Centrifuge
SKU: BCBH-310

Laboratory High Speed Centrifuge Series 800

Specification	Laboratory High Speed Centrifuge SKU: BCMR-104
Speed (rpm)	500-15000 rpm (increment 100 rpm)
Max. centrifugation medium density	1.2 g/mL
Acceleration and deceleration time (soft off)	15 s
Acceleration and deceleration time (soft on)	45 s
Temp. control accuracy (@ 4 °C)	±2 °C



Laboratory High Speed Centrifuge
SKU: BCMR-104

CENTRIFUGE

LABORATORY HIGH SPEED REFRIGERATED CENTRIFUGE

OVERVIEW

High-speed refrigerated centrifuges combine rapid centrifugation with temperature control. They use CFC-free cooling and deliver speeds up to 20 000 rpm with centrifugal forces beyond 20 000×g. Models offer fixed-angle and swing-bucket rotors, capacities from small tubes to 6 × 1 000 mL and acceleration profiles that protect delicate samples.

Highlights

- CFC-free refrigeration
- Up to 20 000 rpm
- Large rotor capacity
- Controlled acceleration

For Detailed Technical Info & Accessories

Scan to view detailed technical information & accessories, or visit the link below.

CATALOG LINK

https://biolabscientific.com/content/catalogs/1803-Catalog-Biolab.pdf

Laboratory High Speed Refrigerated Centrifuge Series 100

Specification	Laboratory High Speed Refrigerated Centrifuge SKU: BCBHR-301	Laboratory High Speed Refrigerated Centrifuge SKU: BCBHR-304	Laboratory High Speed Refrigerated Centrifuge SKU: BCBHR-307	Laboratory High Speed Refrigerated Centrifuge SKU: BCBHR-308
Max speed	12,000r/min	16,800r/min	20,800r/min	24,000r/min
Max RCF	13,220xg	20,320xg	31,150xg	41,470xg
Standard rotor	24x1.5/2.0ml	12x1.5/2.0ml	12x1.5/2.0ml	12x1.5/2.0ml (titanium alloy)
Max capacity	4x100ml	4x100ml	4x100ml	4x100ml
Speed accuracy	±30r/min (customizable, multiples of 10)	±30r/min (customizable, multiples of 10)	±30r/min (customizable, multiples of 10)	±30r/min (customizable, multiples of 10)



Laboratory High Speed Refrigerated Centrifuge
SKU: BCBHR-301



Laboratory High Speed Refrigerated Centrifuge
SKU: BCBHR-304



Laboratory High Speed Refrigerated Centrifuge
SKU: BCBHR-307



Laboratory High Speed Refrigerated Centrifuge
SKU: BCBHR-308

Laboratory High Speed Refrigerated Centrifuge Series 100

Specification	Laboratory High Speed Refrigerated Centrifuge SKU: BCBHR-302	Laboratory High Speed Refrigerated Centrifuge SKU: BCBHR-305
Max speed	16,000r/min	20,000r/min
Max RCF	19,600xg	28,800xg
Max capacity	4x100ml	4x100ml
Standard rotor	12x1.5/2.0ml	12x1.5/2.0ml
Speed accuracy	±30r/min (customizable, multiples of 10)	±30r/min (customizable, multiples of 10)



Laboratory High Speed Refrigerated Centrifuge
SKU: BCBHR-302



Laboratory High Speed Refrigerated Centrifuge
SKU: BCBHR-305

Laboratory High Speed Refrigerated Centrifuge Series 100

Specification	Laboratory High Speed Refrigerated Centrifuge SKU: BCBHR-306	Laboratory High Speed Refrigerated Centrifuge SKU: BCFLR-304
Max capacity	4x500ml	6x1,000mL
Max speed	20,600r/min	10,000r/min
Max RCF	30,550xg	18203xg
Speed accuracy	±30r/min (customizable, multiples of 10)	±30r/min (customizable, multiples of 10)
Refrigeration system	Imported fluorine-free refrigeration compressor unit and eco-friendly refrigerant R404a	Imported fluorine-free refrigeration compressor unit and eco-friendly refrigerant R404a



Laboratory High Speed Refrigerated Centrifuge
SKU: BCBHR-306



Laboratory High Speed Refrigerated Centrifuge
SKU: BCFLR-304

Laboratory High Speed Refrigerated Centrifuge Series 100

Specification	Laboratory High Speed Refrigerated Centrifuge SKU: BCFHR-302
Max capacity	4x750ml
Max speed	21,000r/min
Max RCF	31,750xg
Standard rotor	12x1.5/2.0ml
Speed accuracy	±30r/min (customizable, multiples of 10)



Laboratory High Speed Refrigerated Centrifuge
SKU: BCFHR-302

Laboratory High Speed Refrigerated Centrifuge Series 100

Specification	Laboratory High Speed Refrigerated Centrifuge SKU: BET-301	Laboratory High Speed Refrigerated Centrifuge SKU: BET-302	Laboratory High Speed Refrigerated Centrifuge SKU: BET-303	Laboratory High Speed Refrigerated Centrifuge SKU: BET-304	Laboratory High Speed Refrigerated Centrifuge SKU: BET-401
Max capacity	4x100ml	4x100ml	4x100ml	4x100ml	4x750ml
Max speed	24,000r/min	22,000r/min	20,600r/min	16,800r/min	20,600r/min
Max RCF	42048xg	35,332xg	30,554xg	22,500xg	30,952xg
Speed accuracy	±20r/min (customizable, multiples of 10)	±20r/min (customizable, multiples of 10)	±20r/min (customizable, multiples of 10)	±20r/min (customizable, multiples of 10)	±20r/min (customizable, multiples of 10)
Control and drive system	Microcomputer control, maintenance-free large-torque DC/ inverter brushless motor	Microcomputer control, maintenance-free large-torque DC/ inverter brushless motor	Microcomputer control, maintenance-free large-torque DC/ inverter brushless motor	Microcomputer control, maintenance-free large-torque DC/ inverter brushless motor	Microcomputer control, maintenance-free large-torque inverter brushless motor



Laboratory High Speed Refrigerated Centrifuge
SKU: BET-301



Laboratory High Speed Refrigerated Centrifuge
SKU: BET-302



Laboratory High Speed Refrigerated Centrifuge
SKU: BET-303



Laboratory High Speed Refrigerated Centrifuge
SKU: BET-304



Laboratory High Speed Refrigerated Centrifuge
SKU: BET-401

Laboratory High Speed Refrigerated Centrifuge Series 200

TABLE 1 OF 2

Specification	Laboratory High Speed Refrigerated Centrifuge SKU: BCBHR-101	Laboratory High Speed Refrigerated Centrifuge SKU: BCBHR-102	Laboratory High Speed Refrigerated Centrifuge SKU: BCBHR-103	Laboratory High Speed Refrigerated Centrifuge SKU: BCFHR-101	Laboratory High Speed Refrigerated Centrifuge SKU: BCFHR-104
Max speed	16000 r/min	18000 r/min	20000 r/min	12000r/min	21000 r/min
Max RCF	17800 xg	23755 xg	27800 xg	19830xg	50400 xg
Max capacity	6x50 ml	4x100 ml	4x100 ml	4x2000ml	6x500 ml
Speed accuracy	±30 r/min	±30 r/min	±30 r/min	±10r/min	±10 r/min
Time setting	1min~99h 59min	1min~99h 59min	1min~99h 59min	1s~99h59min59s	1s~99h 59min59s



Laboratory High Speed Refrigerated Centrifuge
SKU: BCBHR-101



Laboratory High Speed Refrigerated Centrifuge
SKU: BCBHR-102



Laboratory High Speed Refrigerated Centrifuge
SKU: BCBHR-103



Laboratory High Speed Refrigerated Centrifuge
SKU: BCFHR-101



Laboratory High Speed Refrigerated Centrifuge
SKU: BCFHR-104

Laboratory High Speed Refrigerated Centrifuge Series 200

TABLE 2 OF 2

Specification	Laboratory High Speed Refrigerated Centrifuge SKU: BCFHR-106	Laboratory High Speed Refrigerated Centrifuge SKU: BEW-802	Laboratory High Speed Refrigerated Centrifuge SKU: BEW-901
Max speed	25000 r/min	12000r/min	20500r/min
Max RCF	64983 xg	19830xg	29200xg
Max capacity	4x1000 ml	4x2000ml	4x750ml
Speed accuracy	±10 r/min	±10r/min	±10r/min
Time setting	1s~99h 59min59s	1s~99h59min59s	1s~99h59min59s



Laboratory High Speed Refrigerated Centrifuge
SKU: BCFHR-106



Laboratory High Speed Refrigerated Centrifuge
SKU: BEW-802



Laboratory High Speed Refrigerated Centrifuge
SKU: BEW-901

Laboratory High Speed Refrigerated Centrifuge Series 300

Specification	Laboratory High Speed Refrigerated Centrifuge SKU: BCBH-303-B	Laboratory High Speed Refrigerated Centrifuge SKU: BCBH-303-D
Centrifugation Speed	100 rpm - 15,000 rpm (100 rpm steps)	100 rpm - 18,000 rpm (100 rpm steps)
Max. Centrifugal Force	21,150 x g	30,400 x g
Max. Capacity	90 ml (5 ml x 18)	300 ml (50 ml x 6)
Time Setting Range	1 min to 99 min (continuous running)	1 min to 99 min (continuous running)
Refrigerated Mode	Yes	Yes



Laboratory High Speed Refrigerated Centrifuge
SKU: BCBH-303-B



Laboratory High Speed Refrigerated Centrifuge
SKU: BCBH-303-D

Laboratory High Speed Refrigerated Centrifuge Series 400

Specification	Laboratory High Speed Refrigerated Centrifuge SKU: BCBHR-211
Speed range	500-15000rpm (increment: 100rpm)
Time range	1s-99min59s (can be centrifuged instantly)
Speed up down time range	15 or 45s (to protect special sensitive samples from resuspension)
Rotor capacity	0.2ml/0.5ml/1.5ml/2mlx24; 0.2mlx8 stripx4; 0.5mlx36; 5mlx18;
Max. RCF	21400xg



Laboratory High Speed Refrigerated Centrifuge
SKU: BCBHR-211

Laboratory High Speed Refrigerated Centrifuge Series 500

TABLE 1 OF 3

Specification	Laboratory High Speed Refrigerated Centrifuge SKU: BCBHR-309	Laboratory High Speed Refrigerated Centrifuge SKU: BCBHR-310	Laboratory High Speed Refrigerated Centrifuge SKU: BCBHR-311	Laboratory High Speed Refrigerated Centrifuge SKU: BCBLR-306	Laboratory High Speed Refrigerated Centrifuge SKU: BCBLR-307
--Max. Capacity	4 x 250 ml	4 x 750 ml	4 x 750 ml	2 x 2 pcs microplates	4 x 250 ml
--Max. Speed	4 500 rpm with 4 x 250 ml rotor	4 500 rpm with 4 x 250 ml rotor	10 000 rpm with 6 x 50 ml rotor	4 000 rpm with 2 x 2 pcs microplates rotor	4 500 rpm with 4 x 250 ml rotor
--Max. RCF	3 720 Xg with 4 x 250 ml rotor	3 720 Xg with 4 x 250 ml rotor	15 680 Xg with 6 x 50 ml rotor	1 500 Xg with 2 x 2 pcs microplates rotor	3 720 Xg with 4 x 250 ml rotor



Laboratory High Speed Refrigerated Centrifuge
SKU: BCBHR-309



Laboratory High Speed Refrigerated Centrifuge
SKU: BCBHR-310



Laboratory High Speed Refrigerated Centrifuge
SKU: BCBHR-311



Laboratory High Speed Refrigerated Centrifuge
SKU: BCBLR-306



Laboratory High Speed Refrigerated Centrifuge
SKU: BCBLR-307

Laboratory High Speed Refrigerated Centrifuge Series 500

TABLE 2 OF 3

Specification	Laboratory High Speed Refrigerated Centrifuge SKU: BCBLR-311	Laboratory High Speed Refrigerated Centrifuge SKU: BCBLR-314	Laboratory High Speed Refrigerated Centrifuge SKU: BCBLR-315	Laboratory High Speed Refrigerated Centrifuge SKU: BCBLR-316	Laboratory High Speed Refrigerated Centrifuge SKU: BCBLR-323
--Max. Capacity	4 x 750 ml	4 x 750 ml	4 x 50 ml	4 x 750 ml	4 x 500 ml
--Max. Speed	4 500 rpm with 4 x 250 ml rotor	13 000 rpm with 4 x 30 ml rotor	13 000 rpm with 4 x 30 ml rotor	4 000 rpm with 4 x 750 ml rotor	4 500 rpm with 4 x 250 ml rotor
--Max. RCF	3 720 Xg with 4 x 250 ml rotor	23 800 Xg with 4 x 30 ml rotor	23 800 Xg with 4 x 30 ml rotor	3 500 Xg with 4 x 750 ml rotor	3 720 Xg with 4 x 250 ml rotor



Laboratory High Speed Refrigerated Centrifuge
SKU: BCBLR-311



Laboratory High Speed Refrigerated Centrifuge
SKU: BCBLR-314



Laboratory High Speed Refrigerated Centrifuge
SKU: BCBLR-315



Laboratory High Speed Refrigerated Centrifuge
SKU: BCBLR-316



Laboratory High Speed Refrigerated Centrifuge
SKU: BCBLR-323

Laboratory High Speed Refrigerated Centrifuge Series 500

TABLE 3 OF 3

Specification	Laboratory High Speed Refrigerated Centrifuge SKU: BCBLR-324
--Max. Capacity	4 x 750 ml
--Max. Speed	4 500 rpm with 4 x 250 ml rotor
--Max. RCF	3 720 Xg with 4 x 250 ml rotor



Laboratory High Speed Refrigerated Centrifuge
SKU: BCBLR-324

Laboratory High Speed Refrigerated Centrifuge Series 500

Specification	Laboratory High Speed Refrigerated Centrifuge SKU: BCBHR-312
Max. RCF	21 630 Xg
Max. Speed	16 500 rpm
Max. Capacity	12 x 10 ml
Refrigeration System	CFC-Free
Rotor Identification	Auto-ID Instant, automatic



Laboratory High Speed Refrigerated Centrifuge
SKU: BCBHR-312

Laboratory High Speed Refrigerated Centrifuge Series 500

Specification	Laboratory High Speed Refrigerated Centrifuge SKU: BCBLR-305	Laboratory High Speed Refrigerated Centrifuge SKU: BCBLR-308
Max. RCF (with Fixed-Angle rotor)	24 760 Xg	24 760 Xg
Max. RCF (with Swing-Bucket rotor)	1 500 Xg	1 500 Xg
Max. Speed	16 500 rpm	18 000 rpm
Max. Capacity	6 x 100 ml	6 x 100 ml
Refrigeration System	CFC-Free	CFC-Free



Laboratory High Speed Refrigerated Centrifuge
SKU: BCBLR-305



Laboratory High Speed Refrigerated Centrifuge
SKU: BCBLR-308

Laboratory High Speed Refrigerated Centrifuge Series 500

Specification	Laboratory High Speed Refrigerated Centrifuge SKU: BCBLR-309	Laboratory High Speed Refrigerated Centrifuge SKU: BCBLR-310
Max. Capacity	6 x 100 ml	6 x 100 ml
Max. Speed	20 000 rpm with 12 x 1.5/2.0 ml	22 000 rpm with 12 x 1.5/2.0 ml
Max. RCF	31 370 Xg with 24 x 1.5/2.0 ml	33 820 Xg with 12 x 1.5/2.0 ml
Control System	Microprocessor	Microprocessor
Refrigeration System	CFC-Free	CFC-Free



Laboratory High Speed Refrigerated Centrifuge
SKU: BCBLR-309



Laboratory High Speed Refrigerated Centrifuge
SKU: BCBLR-310

Laboratory High Speed Refrigerated Centrifuge Series 500

Specification	Laboratory High Speed Refrigerated Centrifuge SKU: BCBLR-317
Max. Capacity When Use for Core Analysis Experiments	12 places rotor (Equipped with special separation steel ball.)
Max. Speed	18 500 rpm, can separate water from 10.74nm micropores.
Max. RCF	42 000 Xg
Max. Capillary Pressure	13.40 MPa
Control System	Microprocessor



Laboratory High Speed Refrigerated Centrifuge
SKU: BCBLR-317

Laboratory High Speed Refrigerated Centrifuge Series 600

TABLE 1 OF 2

Specification	Laboratory High Speed Refrigerated Centrifuge SKU: BCBHR-201	Laboratory High Speed Refrigerated Centrifuge SKU: BCBHR-203	Laboratory High Speed Refrigerated Centrifuge SKU: BCBHR-209	Laboratory High Speed Refrigerated Centrifuge SKU: BCFHR-201	Laboratory High Speed Refrigerated Centrifuge SKU: BCFHR-202
Max speed	16000rpm	21000rpm	21000rpm	12000 rpm	21000rpm
Max volume	6x100ml	6x100ml	4x800ml	6x500ml	4x800ml
Timer	1-9h59min	1~99h59min	0~99h59min	1~9h59min	99h59min
Dimension(HxDxW)	608x570x380mm	610x570x370mm	700x715x420mm	780x675x750mm	720x540x830mm
Speed accuracy	±20rpm	±20rpm	±20rpm	±20rpm	±20rpm



Laboratory High Speed Refrigerated Centrifuge
SKU: BCBHR-201



Laboratory High Speed Refrigerated Centrifuge
SKU: BCBHR-203



Laboratory High Speed Refrigerated Centrifuge
SKU: BCBHR-209



Laboratory High Speed Refrigerated Centrifuge
SKU: BCFHR-201



Laboratory High Speed Refrigerated Centrifuge
SKU: BCFHR-202

Laboratory High Speed Refrigerated Centrifuge Series 600

TABLE 2 OF 2

Specification	Laboratory High Speed Refrigerated Centrifuge SKU: BCFHR-303
Max speed	21000rpm
Max volume	4x800ml
Timer	1-9h59min
Dimension(HxDxW)	800x740x1930mm
Speed accuracy	±20rpm



Laboratory High Speed Refrigerated Centrifuge
SKU: BCFHR-303

Laboratory High Speed Refrigerated Centrifuge Series 600

Specification	Laboratory High Speed Refrigerated Centrifuge SKU: BCBHR-207	Laboratory High Speed Refrigerated Centrifuge SKU: BCBLR-402	Laboratory High Speed Refrigerated Centrifuge SKU: BCBLR-403
Max. Speed	16000rpm	18500rpm	16000rpm
Max. RCF	22020xg	23990xg	27170xg
Max. Volume	4x180ml	4x180ml	4x600ml
Time Range	0~99min59sec	0~99min59sec	0~99min59sec
RPM/RCF Convert	Yes	Yes	Yes



Laboratory High Speed Refrigerated Centrifuge
SKU: BCBHR-207



Laboratory High Speed Refrigerated Centrifuge
SKU: BCBLR-402



Laboratory High Speed Refrigerated Centrifuge
SKU: BCBLR-403

Laboratory High Speed Refrigerated Centrifuge Series 600

Specification	Laboratory High Speed Refrigerated Centrifuge SKU: BCBHR-208	Laboratory High Speed Refrigerated Centrifuge SKU: BCBHR-210	Laboratory High Speed Refrigerated Centrifuge SKU: BCFHR-401
Max. Speed	16000 rpm	21000rpm	18500rpm
Max. RCF	27170xg	34400xg	23990xg
Max. Capacity	4x300ml	4x250ml	6x100ml
Time Range	0~99min59sec	0~99min59sec	0~99min59sec
RPM/RCF Convert	Yes	Yes	Yes



Laboratory High Speed Refrigerated Centrifuge
SKU: BCBHR-208



Laboratory High Speed Refrigerated Centrifuge
SKU: BCBHR-210



Laboratory High Speed Refrigerated Centrifuge
SKU: BCFHR-401

CENTRIFUGE

LABORATORY LOW SPEED CENTRIFUGE

OVERVIEW

Low-speed centrifuges support general separation tasks with speed ranges of about 400–6 000 rpm and relative centrifugal forces up to roughly 5 120×g. Tabletop and handheld models handle microtubes, 15–250 mL tubes or swing-bucket rotors, and timers allow continuous or timed runs up to around 99 minutes.

Highlights

- 400–6 000 rpm range
- Up to 5 120×g
- Varied rotor capacities
- Timer up to 99 min

For Detailed Technical Info & Accessories

Scan to view detailed technical information & accessories, or visit the link below.

CATALOG LINK

https://biolabscientific.com/content/catalogs/1804-Catalog-Biolab.pdf

Laboratory Low Speed Centrifuge Series 100

Specification	Laboratory Low Speed Centrifuge SKU: BER-7501
Maximum speed	4000r/min
Maximum RCF	2350 x g
Max volume	12 x 15ml
Power supply	AC 220V 50HZ
Timer	1 ~ 99min



Laboratory Low Speed Centrifuge
SKU: BER-7501

Laboratory Low Speed Centrifuge Series 200

Specification	Laboratory Low Speed Centrifuge SKU: BCBH-201
--Max speed	-
--Rotor capacity	12x7mL
--Max RCF	1,000xg



Laboratory Low Speed Centrifuge
SKU: BCBH-201

Laboratory Low Speed Centrifuge Series 200

Specification	Laboratory Low Speed Centrifuge SKU: BCBL-201	Laboratory Low Speed Centrifuge SKU: BCBLS-102
Max RCF	2,320xg	2,650xg
Max capacity	24x10mL	4x100ml
Max speed	4,000r/min	4,000r/min
Timer range	1min~99h59min59s, with continuous centrifugation and instantaneous centrifugation	1min~99h59min59s, with continuous centrifugation and instantaneous centrifugation
Speed accuracy	±30r/min (customizable, multiples of 10)	±30r/min (customizable, multiples of 10)



Laboratory Low Speed Centrifuge
SKU: BCBL-201



Laboratory Low Speed Centrifuge
SKU: BCBLS-102

Laboratory Low Speed Centrifuge Series 200

Specification	Laboratory Low Speed Centrifuge SKU: BCBL-202	Laboratory Low Speed Centrifuge SKU: BCFL-101
Max speed	5,000r/min	5,000r/min
Max RCF	4,800xg	4,800xg
Max capacity	4x750ml	6x500mL
Speed accuracy	±30r/min (customizable, multiples of 10)	±30r/min (customizable, multiples of 10)
Number of running programs	20	20



Laboratory Low Speed Centrifuge
SKU: BCBL-202



Laboratory Low Speed Centrifuge
SKU: BCFL-101

Laboratory Low Speed Centrifuge Series 200

TABLE 1 OF 2

Specification	Laboratory Low Speed Centrifuge SKU: BCBL-203	Laboratory Low Speed Centrifuge SKU: BCBL-204	Laboratory Low Speed Centrifuge SKU: BCBL-205	Laboratory Low Speed Centrifuge SKU: BCBL-206	Laboratory Low Speed Centrifuge SKU: BET-3701
Max speed	5,000r/min	5,000r/min	5,000r/min	5,500r/min	5,000r/min
Max RCF	4,800xg	4,800xg	4,800xg	4,800xg	4,800xg
Max capacity	4x250ml	8x100mL	4x100ml	4x250ml	4x250ml
Timer range	1min~99h59min59s, with continuous centrifugation and instantaneous centrifugation	1min~99h59min59s, with continuous centrifugation and instantaneous centrifugation	1min~99h59min59s, with continuous centrifugation and instantaneous centrifugation	1min~99h59min59s, with continuous centrifugation and instantaneous centrifugation	1min~99h59min59s, with continuous centrifugation and instantaneous centrifugation
Speed accuracy	±30r/min (customizable, multiples of 10)	±30r/min (customizable, multiples of 10)	±30r/min (customizable, multiples of 10)	±30r/min (customizable, multiples of 10)	±30r/min (customizable, multiples of 10)



Laboratory Low Speed Centrifuge
SKU: BCBL-203



Laboratory Low Speed Centrifuge
SKU: BCBL-204



Laboratory Low Speed Centrifuge
SKU: BCBL-205



Laboratory Low Speed Centrifuge
SKU: BCBL-206



Laboratory Low Speed Centrifuge
SKU: BET-3701

Laboratory Low Speed Centrifuge Series 200

TABLE 2 OF 2

Specification	Laboratory Low Speed Centrifuge SKU: BET-3801
Max speed	4,000r/min
Max RCF	2650xg
Max capacity	4x50ml
Timer range	1min~99h59min59s, with continuous centrifugation and instantaneous centrifugation
Speed accuracy	±30r/min (customizable, multiples of 10)



Laboratory Low Speed Centrifuge
SKU: BET-3801

Laboratory Low Speed Centrifuge Series 200

Specification	Laboratory Low Speed Centrifuge SKU: BCBL-207	Laboratory Low Speed Centrifuge SKU: BCBL-208
Max capacity	4x250ml	4x100ml
Max speed	6,000r/min	6,000r/min
Max RCF	4,800xg	4,800xg
Timer range	1min~99h59min59s, with continuous centrifugation and instantaneous centrifugation	1min~99h59min59s, with continuous centrifugation and instantaneous centrifugation
Speed accuracy	±30r/min (customizable, multiples of 10)	±30r/min (customizable, multiples of 10)



Laboratory Low Speed Centrifuge
SKU: BCBL-207



Laboratory Low Speed Centrifuge
SKU: BCBL-208

Laboratory Low Speed Centrifuge Series 200

Specification	Laboratory Low Speed Centrifuge SKU: BCFLR-201	Laboratory Low Speed Centrifuge SKU: BET-4401	Laboratory Low Speed Centrifuge SKU: BET-4402	Laboratory Low Speed Centrifuge SKU: BET-4403
Number of blood collection tubes to be centrifuged	124/148	48	48/76/124/148	124/148
Max speed	4,000r/min	4,000r/min	4,000r/min	4,000r/min
Max RCF	3,580xg	2,830xg	3,020xg	3,580xg
Refrigeration system	Imported fluorine-free refrigeration compressor unit and eco-friendly refrigerant R404a	No refrigeration	No refrigeration	No refrigeration
Temperature control range	-20°C~+40°C	No refrigeration	No refrigeration	No refrigeration



Laboratory Low Speed Centrifuge
SKU: BCFLR-201



Laboratory Low Speed Centrifuge
SKU: BET-4401



Laboratory Low Speed Centrifuge
SKU: BET-4402



Laboratory Low Speed Centrifuge
SKU: BET-4403

Laboratory Low Speed Centrifuge Series 200

Specification	Laboratory Low Speed Centrifuge SKU: BCFLR-204
Product Model	LR5M
Max capacity	12x5mL
Max speed	4,000r/min
Max RCF	2,620xg
Speed accuracy	±30r/min (customizable, multiples of 10)



Laboratory Low Speed Centrifuge
SKU: BCFLR-204

Laboratory Low Speed Centrifuge Series 200

Specification	Laboratory Low Speed Centrifuge SKU: BCMI-201	Laboratory Low Speed Centrifuge SKU: BCMI-202	Laboratory Low Speed Centrifuge SKU: BET-2704
Max speed	4,000r/min	6,000r/min	4,000r/min
Max RCF	900xg	2,000xg	1,430xg
Rotor configuration	6x1.5/0.5/0.2mL	6x1.5/0.5/0.2mL2x8x0.2mL	6x20mL
Dimensions (LxWxH)	170mmx150mmx130mm	170mmx150mmx130mm	250(Φ)x270(h)mm
Weight	1.25kg	1.25kg	2.5kg



Laboratory Low Speed Centrifuge
SKU: BCMI-201



Laboratory Low Speed Centrifuge
SKU: BCMI-202



Laboratory Low Speed Centrifuge
SKU: BET-2704

Laboratory Low Speed Centrifuge Series 200

Specification	Laboratory Low Speed Centrifuge SKU: BET-101	Laboratory Low Speed Centrifuge SKU: BET-102	Laboratory Low Speed Centrifuge SKU: BET-103
RPM	1,500r/min	2,000r/min	2,000r/min
Max power	1kW	2.4kW	2.5kW
Max current	5A	11A	11A
Ambient temperature	0°C ~ +35°C	0°C ~ +35°C	0°C ~ +35°C
Temperature control range	Room temperature ~ +60°C	Room temperature ~ +60°C (+70°C, +80°C)	Room temperature ~ +60°C (+70°C, +80°C)



Laboratory Low Speed Centrifuge
SKU: BET-101



Laboratory Low Speed Centrifuge
SKU: BET-102



Laboratory Low Speed Centrifuge
SKU: BET-103

Laboratory Low Speed Centrifuge Series 200

Specification	Laboratory Low Speed Centrifuge SKU: BET-901	Laboratory Low Speed Centrifuge SKU: BET-1001	Laboratory Low Speed Centrifuge SKU: BET-1101
Max capacity	4x750ml	4x250ml	4x100ml
Max speed	5,500r/min	5,500r/min	4,000r/min
Max RCF	4,800xg	4,800xg	2656xg
Speed accuracy	±20r/min (customizable, multiples of 10)	±20r/min (customizable, multiples of 10)	±20r/min (customizable, multiples of 10)
Control and drive system	Microcomputer control, maintenance-free large-torque inverter brushless motor	Microcomputer control, maintenance-free large-torque DC brushless motor	Microcomputer control, maintenance-free large-torque DC brushless motor



Laboratory Low Speed Centrifuge
SKU: BET-901



Laboratory Low Speed Centrifuge
SKU: BET-1001



Laboratory Low Speed Centrifuge
SKU: BET-1101

Laboratory Low Speed Centrifuge Series 200

Specification	Laboratory Low Speed Centrifuge SKU: BET-2901	Laboratory Low Speed Centrifuge SKU: BET-2902
Turntable form	Angle-type	Angle-type
Number of centrifuge tubes	8 Gerber butyrometers	8 Gerber butyrometers
Max speed	1,500r/min	1,500r/min
Max RCF	420xg	420xg
Speed accuracy	±30r/min (customizable, multiples of 10)	±30r/min (customizable, multiples of 10)



Laboratory Low Speed Centrifuge
SKU: BET-2901



Laboratory Low Speed Centrifuge
SKU: BET-2902

Laboratory Low Speed Centrifuge Series 200

Specification	Laboratory Low Speed Centrifuge SKU: BET-3201
Max speed	1,200r/min
Max RCF	13,960xg
Speed accuracy	±30r/min (customizable, multiples of 10)
Control and drive system	High torque AC brushless motor, microcomputer control
Timer range	1min-99h59min59s, with continuous centrifugation and instantaneous centrifugation



Laboratory Low Speed Centrifuge
SKU: BET-3201

Laboratory Low Speed Centrifuge Series 200

Specification	Laboratory Low Speed Centrifuge SKU: BET-3301
Max speed	4,000r/min
Max Flaking Capacity	12
Max RCF	1,370xg
Speed accuracy	±30r/min (customizable, multiples of 10)
Timer range	1min~99h59min59s, with continuous centrifugation and instantaneous centrifugation



Laboratory Low Speed Centrifuge
SKU: BET-3301

Laboratory Low Speed Centrifuge Series 200

Specification	Laboratory Low Speed Centrifuge SKU: BET-3401
Max RCF	2,960xg
Max speed	4,000r/min
Speed accuracy	±30r/min (customizable, multiples of 10)
Motor	High torque variable frequency AC/DC motor, microcomputer control
Timer range	1min~99h59min59s, with continuous centrifugation and instantaneous centrifugation



Laboratory Low Speed Centrifuge
SKU: BET-3401

Laboratory Low Speed Centrifuge Series 200

Specification	Laboratory Low Speed Centrifuge SKU: BET-3402
Max RCF	3,370xg
Max speed	4,000r/min
Speed accuracy	±30r/min (customizable, multiples of 10)
Motor	High torque variable frequency AC/DC motor, microcomputer control
Temperature control range	Room temperature ~ +70°C



Laboratory Low Speed Centrifuge
SKU: BET-3402

Laboratory Low Speed Centrifuge Series 200

Specification	Laboratory Low Speed Centrifuge SKU: BET-4001
Max speed	4,000r/min
Temperature control range	Not available
Variable speed program (1)	CGF-S1
RPM (1)	2,600r/min
Centrifugal duration (1)	2min



Laboratory Low Speed Centrifuge
SKU: BET-4001

Laboratory Low Speed Centrifuge Series 200

Specification	Laboratory Low Speed Centrifuge SKU: BET-4101
Max separation capacity	1000ml
Max speed	4,000r/min
Max RCF	2,200xg
Speed accuracy	±30r/min
Control and drive system	High torque DC/AC variable frequency motor, microcomputer control



Laboratory Low Speed Centrifuge
SKU: BET-4101

Laboratory Low Speed Centrifuge Series 300

Specification	Laboratory Low Speed Centrifuge SKU: BCBL-108	Laboratory Low Speed Centrifuge SKU: BCBL-109
Max speed	6000r/min	5000r/min
Max RCF	5120xg	5030xg
Max capacity	16x15ml / 24x10ml	4x500ml
Speed accuracy	±30r/min	±10r/min
Time setting	1min~99min59s	1min~99min59s



Laboratory Low Speed Centrifuge
SKU: BCBL-108



Laboratory Low Speed Centrifuge
SKU: BCBL-109

Laboratory Low Speed Centrifuge Series 300

Specification	Laboratory Low Speed Centrifuge SKU: BCBL-112
Max speed	5000r/min
Max RCF	4100xg
Speed accuracy	±30r/min
Time setting	1min~99min59s
Power supply	AC110V/AC220V, 50Hz~60Hz



Laboratory Low Speed Centrifuge
SKU: BCBL-112

Laboratory Low Speed Centrifuge Series 400

Specification	Laboratory Low Speed Centrifuge SKU: BCBL-401
Speed Range	300~4500rpm (increment: 100rpm)
Max. RCF	2490xg (increment: 100xg)
Speed Accuracy	±20rpm
Max. Sample Capacity	7ml/5mlx16 or 10ml/15mlx12 or 50mlx6
Time Range	1s~99m59s or continuous



Laboratory Low Speed Centrifuge
SKU: BCBL-401

Laboratory Low Speed Centrifuge Series 500

Specification	Laboratory Low Speed Centrifuge SKU: BCBL-110	Laboratory Low Speed Centrifuge SKU: BCBLS-105	Laboratory Low Speed Centrifuge SKU: BCBLS-110	Laboratory Low Speed Centrifuge SKU: BCBLS-111
Max. RCF	3 580 Xg	3 380 Xg	5 200 Xg	5 200 Xg with 4 x 250 ml rotor
Max. Speed	4 000 rpm	4 500 rpm	5 000 rpm	5 000 rpm with 4 x 250 ml rotor
Max. Capacity	4 x 1 000 ml	6 x 50 ml	4 x 500 ml	4 x 250 ml
Running Time	1 min - 99 h : 59 min, Pulse	1 min - 99 min : 59 s, Pulse	1 min - 9999 min 59 s, Pulse, Continuous	1 min - 9999 min 59 s, Pulse, Continuous
Drive System	Direct, induction motor drive (Inverter Control)	Direct, induction motor drive	Direct, induction motor drive (brushless)	Direct, induction motor drive



Laboratory Low Speed Centrifuge
SKU: BCBL-110



Laboratory Low Speed Centrifuge
SKU: BCBLS-105



Laboratory Low Speed Centrifuge
SKU: BCBLS-110



Laboratory Low Speed Centrifuge
SKU: BCBLS-111

Laboratory Low Speed Centrifuge Series 500

Specification	Laboratory Low Speed Centrifuge SKU: BCBL-111	Laboratory Low Speed Centrifuge SKU: BCBLS-104
--Max. Capacity	4 x 750 ml	4 x 50 ml
--Max. Speed	5 000 rpm with 4 x 250 ml rotor / 4 x 50 ml rotor / 4 x 100 ml rotor	5 000 rpm
--Max. RCF	5 200 Xg with 4 x 250 ml rotor	4 620 Xg



Laboratory Low Speed Centrifuge
SKU: BCBL-111



Laboratory Low Speed Centrifuge
SKU: BCBLS-104

Laboratory Low Speed Centrifuge Series 500

Specification	Laboratory Low Speed Centrifuge SKU: BCBLS-106
Max. RCF	1 790 Xg
Max. Speed	3 840 rpm
Max. Capacity	24 gel cards
Drive System	Direct, induction motor drive
Noise Level	≤ 50 dB(A)



Laboratory Low Speed Centrifuge
SKU: BCBLS-106

Laboratory Low Speed Centrifuge Series 500

Specification	Laboratory Low Speed Centrifuge SKU: BCBLS-107
Max. RCF	2000xg
Max. Speed	4 700 rpm
Max. Capacity	12 x 7 ml (SERO rotor)
Drive System	Direct, induction motor drive
Speed Accuracy	± 20 r/min



Laboratory Low Speed Centrifuge
SKU: BCBLS-107

Laboratory Low Speed Centrifuge Series 500

Specification	Laboratory Low Speed Centrifuge SKU: BCBLS-109
Max. RCF	3 060 Xg
Max. Speed	4 200 rpm
Max. Capacity	4 x 100 ml
Control System	Microprocessor
Drive System	Direct, induction motor drive



Laboratory Low Speed Centrifuge
SKU: BCBLS-109

Laboratory Low Speed Centrifuge Series 600

Specification	Laboratory Low Speed Centrifuge SKU: BCBL-301	Laboratory Low Speed Centrifuge SKU: BCBL-302	Laboratory Low Speed Centrifuge SKU: BCBL-304	Laboratory Low Speed Centrifuge SKU: BCBL-306	Laboratory Low Speed Centrifuge SKU: BCFL-202
Max. Speed	4000rpm	4000rpm	5000rpm	5000rpm	5000rpm
Max. RCF	1800xg	2250xg	4420xg	4730xg	4730xg
Max. Capacity	8x15ml	6x50ml	6x100ml	4x250ml	4x300ml
Time Range	0~99min59sec	0~99min59sec	0~99min59sec	0~99min59sec	0~99min59sec
Noise	≤ 45dBA	≤ 45dBA	≤ 55dBA	≤ 58dBA	≤ 58dBA



Laboratory Low Speed Centrifuge
SKU: BCBL-301



Laboratory Low Speed Centrifuge
SKU: BCBL-302



Laboratory Low Speed Centrifuge
SKU: BCBL-304



Laboratory Low Speed Centrifuge
SKU: BCBL-306



Laboratory Low Speed Centrifuge
SKU: BCFL-202

Laboratory Low Speed Centrifuge Series 600

Specification	Laboratory Low Speed Centrifuge SKU: BCBL-303
Max. Speed	6000rpm
Max. RCF	4730xg
Max. Volume	4x250ml
Time Range	0~99min
Noise	≤ 58dBA



Laboratory Low Speed Centrifuge
SKU: BCBL-303

Laboratory Low Speed Centrifuge Series 600

TABLE 1 OF 2

Specification	Laboratory Low Speed Centrifuge SKU: BCBL-305	Laboratory Low Speed Centrifuge SKU: BCBLR-405	Laboratory Low Speed Centrifuge SKU: BCBLR-406	Laboratory Low Speed Centrifuge SKU: BCFL-301-B	Laboratory Low Speed Centrifuge SKU: BCFL-302-A
Max. Speed	4000rpm	4000rpm	4000rpm	5000rpm	6000rpm
Max. RCF	2000	2820xg	2950xg	4140xg	4730xg
Max. Capacity	12x7	4x20ml (PRP tube/kit, brand such as DR.PRP 20ml, Yes/BS prp, 3E prp etc.)	4x30ml(PRP kit/tubes,Brand such as Prosys prp30ml,Pro prp 30ml/60ml,Prolo prp 30ml,Dr.prp 30mletc.)	6x100ml	4x300ml
Time Range	0~99min59sec	0~99min	0~99min	0~99min59sec	0~99min59sec
RPM/RCF Convert	Yes	Yes	Yes	Yes	Yes



Laboratory Low Speed Centrifuge
SKU: BCBL-305



Laboratory Low Speed Centrifuge
SKU: BCBLR-405



Laboratory Low Speed Centrifuge
SKU: BCBLR-406



Laboratory Low Speed Centrifuge
SKU: BCFL-301-B



Laboratory Low Speed Centrifuge
SKU: BCFL-302-A

Laboratory Low Speed Centrifuge Series 600

TABLE 2 OF 2

Specification	Laboratory Low Speed Centrifuge SKU: BCFL-302-B	Laboratory Low Speed Centrifuge SKU: BFH-1901
Max. Speed	6000rpm	5000rpm
Max. RCF	3660xg	2635xg
Max. Capacity	6x100ml	6x10ml/15ml PRP tube, 4x30ml PRP tube with adapters for 15ml/20ml prp tubes
Time Range	0~99min59sec	0~99min
RPM/RCF Convert	Yes	Yes



Laboratory Low Speed Centrifuge
SKU: BCFL-302-B



Laboratory Low Speed Centrifuge
SKU: BFH-1901

Laboratory Low Speed Centrifuge Series 600

Specification	Laboratory Low Speed Centrifuge SKU: BCBL-307	Laboratory Low Speed Centrifuge SKU: BCBL-402
Max. Speed	4000rpm	5000rpm
Max. RCF	2170xg	2635xg
Max. Volume	6x9ml	4x50ml
Time Range	0~99min59sec	0~99min59sec
RPM/RCF Convert	Yes	Yes



Laboratory Low Speed Centrifuge
SKU: BCBL-307



Laboratory Low Speed Centrifuge
SKU: BCBL-402

Laboratory Low Speed Centrifuge Series 600

Specification	Laboratory Low Speed Centrifuge SKU: BCBL-308
Max speed	3000rpm
Max RCF	1190xg
Max volume	24 cards/12 cards
Noise	≤55dBA
Timer	0~99min59s



Laboratory Low Speed Centrifuge
SKU: BCBL-308

Laboratory Low Speed Centrifuge Series 600

Specification	Laboratory Low Speed Centrifuge SKU: BCFL-401	Laboratory Low Speed Centrifuge SKU: BCFL-402
Max. Speed	5000 rpm	6000 rpm
Max. RCF	4730 x g	6600 x g
Max. Capacity	4 x 800 ml	4 x 1000 ml
Timer	1~9h59min	1~9h59min
RPM/RCF Convert	Yes	Yes



Laboratory Low Speed Centrifuge
SKU: BCFL-401



Laboratory Low Speed Centrifuge
SKU: BCFL-402

Laboratory Low Speed Centrifuge Series 600

Specification	Laboratory Low Speed Centrifuge SKU: BFH-501	Laboratory Low Speed Centrifuge SKU: BFH-502	Laboratory Low Speed Centrifuge SKU: BFH-503	Laboratory Low Speed Centrifuge SKU: BFH-504
Temp. Range	Room Temperature~+100°C	-10°C~+100°C	Room Temperature~+100°C	-10°C~+100°C
Temp. Accuracy	±1°C	±1°C	±1°C	±1°C
Max. Speed	2500rpm	2500rpm	2500rpm	2500rpm
Max. Capacity	6x100ml	6x100ml	12x100ml	12x100ml
Timer	0-99h59min	0-99h59min	0~99h59min	0~99h59min



Laboratory Low Speed Centrifuge
SKU: BFH-501



Laboratory Low Speed Centrifuge
SKU: BFH-502



Laboratory Low Speed Centrifuge
SKU: BFH-503



Laboratory Low Speed Centrifuge
SKU: BFH-504

Laboratory Low Speed Centrifuge Series 700

TABLE 1 OF 2

Specification	Laboratory Low Speed Centrifuge SKU: BCBLS-108	Laboratory Low Speed Centrifuge SKU: BFS-201	Laboratory Low Speed Centrifuge SKU: BFS-202	Laboratory Low Speed Centrifuge SKU: BFS-203	Laboratory Low Speed Centrifuge SKU: BFS-204
Power supply	110V-60Hz or 230V-50/60Hz	220V-50Hz	110V-60Hz	220V-50Hz	110V-60Hz
Power requirement	40W	40W	40W	40W	40W
Max. speed	400-5000 rpm (in 100 rpm increments)	400-5000 rpm (in 100 rpm increments)	400-5000 rpm (in 100 rpm increments)	400-5000 rpm (in 100 rpm increments)	400-5000 rpm (in 100 rpm increments)
Relative centrifugal force (rcf)	3074 xg	3074xg	3074xg	3074xg	3074xg
Timer	15 sec ~ 99 min	15 sec-99 min	15 sec-99 min	15 sec-99 min	15 sec-99 min



Laboratory Low Speed Centrifuge
SKU: BCBLS-108



Laboratory Low Speed Centrifuge
SKU: BFS-201



Laboratory Low Speed Centrifuge
SKU: BFS-202



Laboratory Low Speed Centrifuge
SKU: BFS-203



Laboratory Low Speed Centrifuge
SKU: BFS-204

Laboratory Low Speed Centrifuge Series 700

TABLE 2 OF 2

Specification	Laboratory Low Speed Centrifuge SKU: BFS-205	Laboratory Low Speed Centrifuge SKU: BFS-206
Power supply	220V-50Hz	110V-60Hz
Power requirement	40W	40W
Max. speed	400-5000 rpm (in 100 rpm increments)	400-5000 rpm (in 100 rpm increments)
Relative centrifugal force (rcf)	3074xg	3074xg
Timer	15 sec-99 min	15 sec-99 min



Laboratory Low Speed Centrifuge
SKU: BFS-205



Laboratory Low Speed Centrifuge
SKU: BFS-206

Laboratory Low Speed Centrifuge Series 800

Specification	Laboratory Low Speed Centrifuge SKU: BIFG-502	Laboratory Low Speed Centrifuge SKU: BIFG-503
Speed range	800~1800 rpm	500~1500 rpm
RCF. range	54~272xg	33~294xg
Capacity	12 gel cards	24 gel cards
Timer	1~20 min	1~20 min
Noise	≤55 db(A)	≤55 db(A)



Laboratory Low Speed Centrifuge
SKU: BIFG-502



Laboratory Low Speed Centrifuge
SKU: BIFG-503

CENTRIFUGE

LABORATORY LOW SPEED REFRIGERATED CENTRIFUGE

OVERVIEW

These low-speed refrigerated centrifuges maintain samples at cold temperatures while providing speeds up to around 8 000 rpm and centrifugal forces approaching 9 100×g. Models accommodate capacities from 4 × 50 mL up to 4 × 800 mL using swing-bucket or fixed-angle rotors and feature microprocessor control and programmable timing.

Highlights

- Refrigerated low speed
- Up to 8 000 rpm
- Up to 9 100×g
- Large sample capacity

For Detailed Technical Info & Accessories

Scan to view detailed technical information & accessories, or visit the link below.

CATALOG LINK

https://biolabscientific.com/content/catalogs/1805-Catalog-Biolab.pdf

Laboratory Low Speed Refrigerated Centrifuge Series 100

TABLE 1 OF 2

Specification	Laboratory Low Speed Refrigerated Centrifuge SKU: BCBLR-201	Laboratory Low Speed Refrigerated Centrifuge SKU: BCBLR-202	Laboratory Low Speed Refrigerated Centrifuge SKU: BCBLR-203	Laboratory Low Speed Refrigerated Centrifuge SKU: BCFLR-202	Laboratory Low Speed Refrigerated Centrifuge SKU: BCFLR-203
Max speed	5,500r/min	6,500r/min	8,000r/min	6,500r/min	8,000r/min
Max RCF	4,800xg	4,800xg	6,460xg	4,800xg	6,460xg
Max capacity	4x500ml	4x500ml	4x500ml	4x750ml	4x750ml
Refrigeration system	Imported fluorine-free refrigeration compressor unit	Imported fluorine-free refrigeration compressor unit	Imported fluorine-free refrigeration compressor unit	Imported fluorine-free refrigeration compressor unit and eco-friendly refrigerant R404a	Imported fluorine-free refrigeration compressor unit and eco-friendly refrigerant R404a
Temperature control range	-20°C~+40°C	-20°C~+40°C	-20°C~+40°C	-20°C~+40°C	-20°C~+40°C



Laboratory Low Speed Refrigerated Centrifuge
SKU: BCBLR-201



Laboratory Low Speed Refrigerated Centrifuge
SKU: BCBLR-202



Laboratory Low Speed Refrigerated Centrifuge
SKU: BCBLR-203



Laboratory Low Speed Refrigerated Centrifuge
SKU: BCFLR-202



Laboratory Low Speed Refrigerated Centrifuge
SKU: BCFLR-203

Laboratory Low Speed Refrigerated Centrifuge Series 100

TABLE 2 OF 2

Specification	Laboratory Low Speed Refrigerated Centrifuge SKU: BET-1401
Max speed	5,500r/min
Max RCF	4,800xg
Max capacity	4x750ml
Refrigeration system	Imported fluorine-free refrigeration compressor unit and eco-friendly refrigerant R404a
Temperature control range	-20°C~+40°C



Laboratory Low Speed Refrigerated Centrifuge
SKU: BET-1401

Laboratory Low Speed Refrigerated Centrifuge Series 100

Specification	Laboratory Low Speed Refrigerated Centrifuge SKU: BCFLR-301	Laboratory Low Speed Refrigerated Centrifuge SKU: BET-1201
Max capacity	6x1,000mL	6x2,400mL
Max speed	6,000r/min	8,000r/min
Max RCF	6399xg	14,380xg
Speed accuracy	±30r/min (customizable, multiples of 10)	±30r/min (customizable, multiples of 10)
Refrigeration system	Imported fluorine-free refrigeration compressor unit and eco-friendly refrigerant R404a	Imported fluorine-free refrigeration compressor unit and eco-friendly refrigerant R404a



Laboratory Low Speed Refrigerated Centrifuge
SKU: BCFLR-301



Laboratory Low Speed Refrigerated Centrifuge
SKU: BET-1201

Laboratory Low Speed Refrigerated Centrifuge Series 100

Specification	Laboratory Low Speed Refrigerated Centrifuge SKU: BET-104	Laboratory Low Speed Refrigerated Centrifuge SKU: BET-105
RPM	2,000r/min	2,000r/min
Max power	0.5kW	3.5kW
Max current	2.5A	11A
Ambient temperature	0°C ~ +35°C	0°C ~ +35°C
Temperature control range	-20°C~+40°C	-20°C~+80°C



Laboratory Low Speed Refrigerated Centrifuge
SKU: BET-104



Laboratory Low Speed Refrigerated Centrifuge
SKU: BET-105

Laboratory Low Speed Refrigerated Centrifuge Series 100

Specification	Laboratory Low Speed Refrigerated Centrifuge SKU: BET-801	Laboratory Low Speed Refrigerated Centrifuge SKU: BET-802
Max capacity	4x750ml	4x750ml
Max speed	6,500r/min	8,000r/min
Max RCF	4,800xg	6,464xg
Speed accuracy	±20r/min (customizable, multiples of 10)	±20r/min (customizable, multiples of 10)
Control and drive system	Microcomputer control, maintenance-free large-torque inverter brushless motor	Microcomputer control, maintenance-free large-torque inverter brushless motor



Laboratory Low Speed Refrigerated Centrifuge
SKU: BET-801



Laboratory Low Speed Refrigerated Centrifuge
SKU: BET-802

Laboratory Low Speed Refrigerated Centrifuge Series 200

Specification	Laboratory Low Speed Refrigerated Centrifuge SKU: BBRC-203	Laboratory Low Speed Refrigerated Centrifuge SKU: BCBLR-101	Laboratory Low Speed Refrigerated Centrifuge SKU: BCBLR-102	Laboratory Low Speed Refrigerated Centrifuge SKU: BEW-1102
Max speed	6000r/min	5000r/min	8000r/min	6000r/min
Max RCF	6680xg	4390xg	9100xg	6680xg
Max capacity	6x1200ml	72x7ml	4x250ml	6x1200ml
Speed accuracy	±10r/min	±30r/min	±30r/min	±10r/min
Time setting	1s~99h59min59s	1min~99min	1min~99min	1s~99h59min59s



Laboratory Low Speed Refrigerated Centrifuge
SKU: BBRC-203



Laboratory Low Speed Refrigerated Centrifuge
SKU: BCBLR-101



Laboratory Low Speed Refrigerated Centrifuge
SKU: BCBLR-102



Laboratory Low Speed Refrigerated Centrifuge
SKU: BEW-1102

Laboratory Low Speed Refrigerated Centrifuge Series 300

Specification	Laboratory Low Speed Refrigerated Centrifuge SKU: BCBHR-313	Laboratory Low Speed Refrigerated Centrifuge SKU: BCBLR-313	Laboratory Low Speed Refrigerated Centrifuge SKU: BCBLR-321	Laboratory Low Speed Refrigerated Centrifuge SKU: BCBLR-322
--Max. Capacity	4 x 250 ml	4 x 1000 ml or 4 blood bags	4 x 750 ml	4 x 50 ml
--Max. Speed	5 000 rpm with 4 x 50 ml rotor / 4 x 100 ml rotor	5 000 rpm	5 000 rpm with 4 x 250 ml rotor / 4 x 50 ml rotor / 4 x 100 ml rotor	5 000 rpm with 4 x 50 ml swing-out rotor
--Max. RCF	4 650 Xg with 4 x 50 ml rotor / 4 x 100 ml rotor	6 319 Xg	5 200 Xg with 4 x 250 ml rotor	3 910 Xg with 4 x 50 ml swing-out rotor



Laboratory Low Speed Refrigerated Centrifuge
SKU: BCBHR-313



Laboratory Low Speed Refrigerated Centrifuge
SKU: BCBLR-313



Laboratory Low Speed Refrigerated Centrifuge
SKU: BCBLR-321



Laboratory Low Speed Refrigerated Centrifuge
SKU: BCBLR-322

Laboratory Low Speed Refrigerated Centrifuge Series 300

Specification	Laboratory Low Speed Refrigerated Centrifuge SKU: BCBLR-312
Max. Speed	5 000 rpm with 4 x 250 ml rotor / 4 x 50 ml rotor / 4 x 100 ml rotor
Max. RCF	5 200 Xg with 4 x 250 ml rotor
Max. Capacity	4 x 750 ml (4 000 rpm)
Control System	Microprocessor
Refrigeration System	CFC-Free



Laboratory Low Speed Refrigerated Centrifuge
SKU: BCBLR-312

Laboratory Low Speed Refrigerated Centrifuge Series 300

Specification	Laboratory Low Speed Refrigerated Centrifuge SKU: BCBLR-318
Max. RCF	3 620 Xg
Max. Speed	5 000 rpm
Max. Capacity	6 x 50 ml
Control System	Microprocessor
Refrigeration System	CFC-Free



Laboratory Low Speed Refrigerated Centrifuge
SKU: BCBLR-318

Laboratory Low Speed Refrigerated Centrifuge Series 400

Specification	Laboratory Low Speed Refrigerated Centrifuge SKU: BBRC-101	Laboratory Low Speed Refrigerated Centrifuge SKU: BCBLR-303	Laboratory Low Speed Refrigerated Centrifuge SKU: BCBLR-304
Max. Speed	4000rpm	5000rpm	5000rpm
Max. RCF	3450xg	4730xg	4730xg
Max. Capacity	4x800ml	4x250ml	4x300ml
Time Range	0~99min59sec	0~99min59sec	0~99min59sec
Noise	≤ 60dBA	≤ 60dBA	≤ 60dBA



Laboratory Low Speed Refrigerated Centrifuge
SKU: BBRC-101



Laboratory Low Speed Refrigerated Centrifuge
SKU: BCBLR-303



Laboratory Low Speed Refrigerated Centrifuge
SKU: BCBLR-304

Laboratory Low Speed Refrigerated Centrifuge Series 400

Specification	Laboratory Low Speed Refrigerated Centrifuge SKU: BCBLR-404	Laboratory Low Speed Refrigerated Centrifuge SKU: BCFL-303
Max. Speed	5000rpm	6000rpm
Max. RCF	4420xg	3660xg
Max. Capacity	4x180mll	4x180mll
Time Range	0~99min59sec	1~99min59sec
RPM/RCF Convert	Yes	Yes



Laboratory Low Speed Refrigerated Centrifuge
SKU: BCBLR-404



Laboratory Low Speed Refrigerated Centrifuge
SKU: BCFL-303

Laboratory Low Speed Refrigerated Centrifuge Series 400

Specification	Laboratory Low Speed Refrigerated Centrifuge SKU: BCFHR-305
Max speed	1000 rpm
Max volume	6x1000ml
Timer	1~9h59min
Dimension(HxDxW)	800x740x930mm
Speed accuracy	±20rpm



Laboratory Low Speed Refrigerated Centrifuge
SKU: BCFHR-305

CENTRIFUGE

MICRO CENTRIFUGE

OVERVIEW

Micro centrifuges combine compact design with high-speed performance, offering maximum speeds from 7,000 rpm to 16,500 rpm and relative centrifugal forces up to 25,500 × g. They accommodate various tube sizes and PCR plates, provide timed or continuous operation, and include microprocessor-controlled and refrigerated options.

Highlights

- 7 000–16 500 rpm
- Up to 25 500 × g
- Multiple rotor capacities
- Microprocessor & refrigerated models

For Detailed Technical Info & Accessories

Scan to view detailed technical information & accessories, or visit the link below.

CATALOG LINK

https://biolabscientific.com/content/catalogs/1806-Catalog-Biolab.pdf

Micro Centrifuge Series 100

Specification	Micro Centrifuge SKU: BCBH-202	Micro Centrifuge SKU: BET-501	Micro Centrifuge SKU: BET-701	Micro Centrifuge SKU: BET-2001
Max capacity	12x10mL	48x1.5mL	12x10mL	48x1.5ml/2.0ml
Max speed	16,500r/min	16,500r/min	16,500r/min	16,500r/min
Max RCF	19,600xg	22,500xg	25,500xg	22,500xg
Speed accuracy	±30r/min (customizable, multiples of 10)	±20r/min (customizable, multiples of 10)	±20r/min (customizable, multiples of 10)	±30r/min (customizable, multiples of 10)
Control and drive system	High torque AC brushless variable frequency motor, microcomputer control	Microcomputer control, maintenance-free large-torque inverter brushless motor	Microcomputer control, maintenance-free large-torque DC brushless motor	High torque AC brushless variable frequency motor, microcomputer control



Micro Centrifuge
SKU: BCBH-202



Micro Centrifuge
SKU: BET-501



Micro Centrifuge
SKU: BET-701



Micro Centrifuge
SKU: BET-2001

Micro Centrifuge Series 200

Specification	Micro Centrifuge SKU: BCMI-501
Speed Range	2800rpm
RCF	627g
Sample Capacity	2PCR plates
Rotor	Fixed vertically
Time Range	1s ~99s or touch operation



Micro Centrifuge
SKU: BCMI-501

Micro Centrifuge Series 300

Specification	Micro Centrifuge SKU: BCMR-102	Micro Centrifuge SKU: BCMR-103
Max. Capacity	12 x 5 ml	12 x 5 ml
Max. Speed	14 000 rpm	15 000 rpm
Max. RCF	18 880 Xg with 24 x 1.5/2.0 ml rotor	21 630 Xg with 24 x 1.5/2.0 ml rotor
Control System	Microprocessor	Microprocessor
Refrigeration System	CFC-Free	CFC-Free



Micro Centrifuge
SKU: BCMR-102



Micro Centrifuge
SKU: BCMR-103

Micro Centrifuge Series 400

Specification	Micro Centrifuge SKU: BCBH-102	Micro Centrifuge SKU: BCBH-304
Max. Speed	16000 rpm	16000rpm
Max. RCF	19040 x g	19040xg
Max. Capacity	10 x 5 ml	6x10ml
Time Range	0 ~ 99 min 59 s	0~99min59sec
RPM/RCF Convert	Yes	Yes



Micro Centrifuge
SKU: BCBH-102



Micro Centrifuge
SKU: BCBH-304

Micro Centrifuge Series 400

Specification	Micro Centrifuge SKU: BCBHR-303
Max speed	16000rpm
Max volume	24x1.5ml/2ml
Timer	1-9h59min
Dimension(HxDxW)	508x450x270mm
Speed accuracy	±20rpm



Micro Centrifuge
SKU: BCBHR-303

Micro Centrifuge Series 500

Specification	Micro Centrifuge SKU: BCMI-401
Max. Speed	7000rpm
Max. RCF	2680xg
Rotor Capacity	0.2/0.5/1.5/2mL x 80.2mL x 32 PCR tubes0.2mL x 4 PCR8-strips
Run Time	Continuous operation
Driving Motor	DC motor



Micro Centrifuge
SKU: BCMI-401

Micro Centrifuge Series 500

Specification	Micro Centrifuge SKU: BCMI-404
Max. Speed	15000rpm (200-15000rpm), increment: 10rpm
Max. RCF	21380xg, increment: 10xg
Speed Accuracy	±20 rpm
Rotor Capacity	1.5/2mL x 24, 0.2/0.5mL x 36,PCR-8 strips x 4, 5mL x 12, 1.5mL x 18
Run Time	30sec-99min/Continuous



Micro Centrifuge
SKU: BCMI-404

Micro Centrifuge Series 500

Specification	Micro Centrifuge SKU: BFL-4101
Max. Speed	15,000rpm (200-15,000rpm) in 100rpm increments.
Max. RCF	21,380 x g, step: 10 x g
Capacity	1.5/2mL x 24, 0.2/0.5mL x 36, PCR-8 strips x 4, 5mL x 12, 5mL x 18
Temperature setting	-20°C - 40°C
Run Time	30s-99 min; HOLD (continuous running)



Micro Centrifuge
SKU: BFL-4101

Micro Centrifuge Series 600

Specification	Micro Centrifuge SKU: BCMI-508	Micro Centrifuge SKU: BFS-102
Power supply	110V-60Hz or 230V-50/60Hz	110V-60Hz or 230V-50/60Hz
Power requirement	100W	105W
Max. rotational speed (rpm)	800-13,400 rpm (in 100 rpm increments)	500-14,500 rpm (in 100 rpm increments)
Relative centrifugal force (rcf)	12,100xg	14,100xg
Timer	15 sec-99 min	15 sec-99 min



Micro Centrifuge
SKU: BCMI-508



Micro Centrifuge
SKU: BFS-102

CENTRIFUGE

MINI CENTRIFUGE

OVERVIEW

Mini centrifuges provide quick spin-down of microtubes and PCR strips with speed ranges from 4,000 rpm to 15,000 rpm (RCF up to 15,100 × g). Compact models accommodate 0.2–2 mL tubes or 96-well plates, offer programmable run times, quiet operation and universal AC power.

Highlights

- 4 000–15 000 rpm
- Up to 15 100 × g
- Multiple tube & plate rotors
- Programmable run time

For Detailed Technical Info & Accessories

Scan to view detailed technical information & accessories, or visit the link below.

CATALOG LINK

https://biolabscientific.com/content/catalogs/1807-Catalog-Biolab.pdf

Mini Centrifuge Series 100

Specification	Mini Centrifuge SKU: BER-7401
Control	Digital
Rotor	Fixed-angle
Speed	1000-4000 rpm (steps of 500 rpm)
Time	1-59 min (steps of 1 min)
Capacity	6x15 ml



Mini Centrifuge
SKU: BER-7401

Mini Centrifuge Series 200

Specification	Mini Centrifuge SKU: BET-2801
Capacity	2 96-well PCR plates
Power supply	110V-220V/50-60HZ
Power	20W
RPM	2,500r/min
Centrifugal Force	500xg



Mini Centrifuge
SKU: BET-2801

Mini Centrifuge Series 300

Specification	Mini Centrifuge SKU: BCMI-101	Mini Centrifuge SKU: BCMI-102	Mini Centrifuge SKU: BCMI-103
Max speed	4000r/min	6000r/min	10000r/min
Max RCF	900xg	2000xg	5000xg
Max capacity	6x1.5ml/0.5ml/0.2ml	8x0.2ml	2PCR
Power supply	AC110V~AC220V	AC110V~AC220V	AC110V~AC220V
Consumption	30W	30W	30W



Mini Centrifuge
SKU: BCMI-101



Mini Centrifuge
SKU: BCMI-102



Mini Centrifuge
SKU: BCMI-103

Mini Centrifuge Series 400

TABLE 1 OF 2

Specification	Mini Centrifuge SKU: BCMI-502	Mini Centrifuge SKU: BCMI-503	Mini Centrifuge SKU: BCMI-504	Mini Centrifuge SKU: BCMI-505	Mini Centrifuge SKU: BCMI-506
Speed Range	4000rpm	6000rpm	7000rpm	10000rpm	10000rpm
RCF	approx.700g	approx.1700g	approx.2300g	approx.4800g	approx.4700g
Rotor capacity	8x1.5/2.0ml or 2x8x0.2ml strips (with 0.5ml and 0.2ml tube adapter)	8x1.5/2.0ml or 2x8x0.2ml strips (with 0.5ml and 0.2ml tube adapter)	8x1.5/2.0ml (with 0.5ml and 0.2ml tube adapter)	8x1.5/2.0ml (with 0.5ml and 0.2ml tube adapter)	8x1.5/2.0ml, 8x0.5mlAvoid to use 2x8x0.2ml PCR strips(With 0.5ml and 0.2ml tube adapter)
Time Range	1s~9999min or continuous	1s~9999min or continuous	1s~9999min or continuous	1s~9999min or continuous	1s ~9999min or continuous
Working Noise	≤45dB	≤45dB	≤55dB	≤55dB	≤55dB



Mini Centrifuge
SKU: BCMI-502



Mini Centrifuge
SKU: BCMI-503



Mini Centrifuge
SKU: BCMI-504



Mini Centrifuge
SKU: BCMI-505



Mini Centrifuge
SKU: BCMI-506

Mini Centrifuge Series 400

TABLE 2 OF 2

Specification	Mini Centrifuge SKU: BFA-1705	Mini Centrifuge SKU: BFA-1801	Mini Centrifuge SKU: BFA-1803	Mini Centrifuge SKU: BFA-1805
Speed Range	3krpm~10krpm (increment:1000rpm)	4000rpm	7000rpm	3krpm~10krpm (increment:1000rpm)
RCF	approx.400g~4800g	approx.700g	approx.2300g	approx.400g~4700g
Rotor capacity	8x1.5/2.0ml or 2x8x0.2ml PCR Strips (Max speed≤6000rpm) (with 0.5ml and 0.2ml tube adapter)	8x1.5/2.0ml, 8x0.5ml, 16x0.2ml(single tube or 2x8x0.2ml strips)(With 0.5ml and 0.2ml tube adapter)	8x1.5/2.0ml, 8x0.5mlAvoid to use 2x8x0.2ml PCR strips(With 0.5ml and 0.2ml tube adapter)	8x1.5/2.0ml, 8x0.5ml, 2x8x0.2ml strips(With 0.5ml and 0.2ml tube adapter)2x8x0.2ml PCR Strips(when speed≤6000rpm)
Time Range	1s~9999min or continuous	1s ~9999min or continuous	1s ~9999min or continuous	1s ~9999min or continuous
Working Noise	≤55dB	≤45dB	≤55dB	≤55dB



Mini Centrifuge
SKU: BFA-1705



Mini Centrifuge
SKU: BFA-1801



Mini Centrifuge
SKU: BFA-1803



Mini Centrifuge
SKU: BFA-1805

Mini Centrifuge Series 500

Specification	Mini Centrifuge SKU: BCMI-403	Mini Centrifuge SKU: BFL-4001
Max. Speed	15000rpm (500-15000rpm), increment: 100rpm	15000rpm (300-15000rpm), increment: 100rpm
Max. RCF	15100xg, increment: 100xg	15100xg
Speed Accuracy	±20rpm	±20rpm
Rotor Capacity	0.2mL/0.5mL/1.5mL/2mL x 12	0.2/0.5/1.5/2mL x 12
Run Time	30sec-99min/Continuous	30s-99min



Mini Centrifuge
SKU: BCMI-403



Mini Centrifuge
SKU: BFL-4001

Mini Centrifuge Series 600

Specification	Mini Centrifuge SKU: BCMI-509
Speed (±5%)	7,200 rpm
Rotor	8011154-1:2ml*8,0.5ml,0.2ml adapter each 8pcs/ 8011154-2: 2ml*8,8*0.2ml Tubes strip*2 rows
The Max capacity	1.5(2) ml x 8
Power	AC 85 V-250 V 1 A 50/60 Hz
Material - Cover	PC (UL 94V-0)



Mini Centrifuge
SKU: BCMI-509

Mini Centrifuge Series 600

Specification	Mini Centrifuge SKU: BFS-302	Mini Centrifuge SKU: BFS-303	Mini Centrifuge SKU: BFS-304
Speed (±5%)	4,000 rpm-7,200 rpm	10,000 rpm	4 Krpm-7.2 Krpm-10 Krpm
Rotor	8011154-1:2ml*8,0.5ml,0.2ml adapter each 8pcs/ 8011154-2: 2ml*8,8*0.2ml Tubes strip*2 rows	8011154-1:2ml*8,0.5ml,0.2ml adapter each 8pcs/ 8011154-2: 2ml*8,8*0.2ml Tubes strip*2 rows	8011154-1:2ml*8,0.5ml,0.2ml adapter each 8pcs/ 8011154-2: 2ml*8,8*0.2ml Tubes strip*2 rows
RFC	810~3260 x g	6652 x g	810~6652 x g
The Max capacity	1.5(2) ml x 8	1.5(2) ml x 8	1.5(2) ml x 8
Power	AC 85 V-250 V 1 A 50/60 Hz	AC 85 V-250 V 1 A 50/60 Hz	AC 85 V-250 V 1 A 50/60 Hz



Mini Centrifuge
SKU: BFS-302



Mini Centrifuge
SKU: BFS-303



Mini Centrifuge
SKU: BFS-304

Mini Centrifuge Series 700

Specification	Mini Centrifuge SKU: BCMI-510
Rotor	8x1.5 / 2.0 mL rotor4x8x0.2 mL PCR strip rotor8 or 32x0.2 mL rotor8x0.5 mL rotor
Speed	4000 rpm & 6000 rpm
Max. RCF	1,200xg (4000 rpm)2,000xg (6000 rpm)
Power supply	AC 100-240 V, 50/60 Hz



Mini Centrifuge
SKU: BCMI-510

CHAMBER

CLIMATIC CHAMBER

OVERVIEW

Climatic chamber series provide controlled temperature, humidity and illumination for plant growth and stability testing. Models offer temperature ranges from 10 °C up to 100 °C, humidity control between 35 % and 95 % RH, uniformity within ±1–2 °C and adjustable light levels.

Highlights

- 10–100 °C range
- 35–95 % RH control
- ±1–2 °C uniformity
- Adjustable illumination

For Detailed Technical Info & Accessories

Scan to view detailed technical information & accessories, or visit the link below.

CATALOG LINK

https://biolabscientific.com/content/catalogs/1601-Catalog-Biolab.pdf

Climatic Chamber Series 100

Specification	Climatic Chamber SKU: BCCL-101	Climatic Chamber SKU: BCCL-102	Climatic Chamber SKU: BCCL-103
Temp range (°C)	With illumination 10~50°C, With no illumination 5~60°C	With illumination 10~50°C, With no illumination 5~60°C	With illumination 10~50°C, With no illumination 5~60°C
Temperature uniformity values (°C)	±1	±1	±1.5
Illumination (LX)	0~10000	0~15000	0~15000
Illumination set range	Five level (20%, 40%, 60%, 80%, 100%)	Five level (20%, 40%, 60%, 80%, 100%)	Five level (20%, 40%, 60%, 80%, 100%)
Timing range	0~99h	0~99h	0~99h



Climatic Chamber
SKU: BCCL-101



Climatic Chamber
SKU: BCCL-102



Climatic Chamber
SKU: BCCL-103

Climatic Chamber Series 100

Specification	Climatic Chamber SKU: BCPG-101	Climatic Chamber SKU: BCPG-102	Climatic Chamber SKU: BCPG-103
Temp range (°C)	With illumination 10~60°C, With no illumination 5~60°C	With illumination 10~60°C, With no illumination 5~60°C	With illumination 10~60°C, With no illumination 5~60°C
Humidity range (%)	50%~90%, humidity fluctuation ±5%RH	50%~90%, humidity fluctuation ±5%RH	50%~90%, humidity fluctuation ±5%RH
Temperature uniformity values (°C)	±1	±1	±1.5
Illumination (LX)	0~10000	0~15000	0~15000
Illumination set range	Five level (20%, 40%, 60%, 80%, 100%)	Five level (20%, 40%, 60%, 80%, 100%)	Five level (20%, 40%, 60%, 80%, 100%)



Climatic Chamber
SKU: BCPG-101



Climatic Chamber
SKU: BCPG-102



Climatic Chamber
SKU: BCPG-103

Climatic Chamber Series 200

TABLE 1 OF 2

Specification	Climatic Chamber SKU: BCCL-1301	Climatic Chamber SKU: BCCL-1302	Climatic Chamber SKU: BCCL-1303	Climatic Chamber SKU: BCCL-1304	Climatic Chamber SKU: BCCL-1305
Temperature Range	-5~80°C	-5~80°C	-5~80°C	-5~80°C	-5~80°C
Display Resolution	0.1°C	0.1°C	0.1°C	0.1°C	0.1°C
Temperature Stability	High ±0.5°C / Low ±1°C	High ±0.5°C / Low ±1°C	High ±0.5°C / Low ±1°C	High ±0.5°C / Low ±1°C	High ±0.5°C / Low ±1°C
Temperature Uniformity	±2°C	±2°C	±2°C	±2°C	±2°C
Humidity Range	40~85%	40~85%	40~85%	40~85%	40~85%



Climatic Chamber
SKU: BCCL-1301



Climatic Chamber
SKU: BCCL-1302



Climatic Chamber
SKU: BCCL-1303



Climatic Chamber
SKU: BCCL-1304



Climatic Chamber
SKU: BCCL-1305

Climatic Chamber Series 200

TABLE 2 OF 2

Specification	Climatic Chamber SKU: BCCL-1306	Climatic Chamber SKU: BCCL-1307	Climatic Chamber SKU: BCCL-1308	Climatic Chamber SKU: BCCL-1309	Climatic Chamber SKU: BCCL-1310
Temperature Range	10~70°C	10~70°C	10~70°C	10~70°C	10~70°C
Display Resolution	0.1°C	0.1°C	0.1°C	0.1°C	0.1°C
Temperature Stability	High ±0.5°C / Low ±1°C	High ±0.5°C / Low ±1°C	High ±0.5°C / Low ±1°C	High ±0.5°C / Low ±1°C	High ±0.5°C / Low ±1°C
Temperature Uniformity	±2°C	±2°C	±2°C	±2°C	±2°C
Humidity Range	40~95%	40~95%	40~95%	40~95%	40~95%



Climatic Chamber
SKU: BCCL-1306



Climatic Chamber
SKU: BCCL-1307



Climatic Chamber
SKU: BCCL-1308



Climatic Chamber
SKU: BCCL-1309



Climatic Chamber
SKU: BCCL-1310

Climatic Chamber Series 200

TABLE 1 OF 4

Specification	Climatic Chamber SKU: BCCL-1401	Climatic Chamber SKU: BCCL-1402	Climatic Chamber SKU: BCCL-1403	Climatic Chamber SKU: BCCL-1404	Climatic Chamber SKU: BCCL-1405
Temperature control range	RT+10~85°C	RT+10~85°C	RT+10~85°C	L:10~100°C	A:-20~100°C
Temperature accuracy	0.1°C	0.1°C	0.1°C	0.1°C	0.1°C
Temperature Stability	±1.0°C	±1.0°C	±1.0°C	High temp: ±0.5°CLow temp: ±1°C	High temp: ±0.5°CLow temp: ±1°C
Humidity control range	80~95%RH	80~95%RH	80~95%RH	35~95%RH	35~95%RH
Humidity Accuracy	±3%RH	±3%RH	±3%RH	±3%RH	±3%RH



Climatic Chamber
SKU: BCCL-1401



Climatic Chamber
SKU: BCCL-1402



Climatic Chamber
SKU: BCCL-1403



Climatic Chamber
SKU: BCCL-1404



Climatic Chamber
SKU: BCCL-1405

Climatic Chamber Series 200

TABLE 2 OF 4

Specification	Climatic Chamber SKU: BCCL-1406	Climatic Chamber SKU: BCCL-1407	Climatic Chamber SKU: BCCL-1408	Climatic Chamber SKU: BCCL-1409	Climatic Chamber SKU: BCCL-1410
Temperature control range	B:40~100°C	L:10~100°C	A:-20~100°C	B:40~100°C	L:10~100°C
Temperature accuracy	0.1°C	0.1°C	0.1°C	0.1°C	0.1°C
Temperature Stability	High temp: ±0.5°CLow temp: ±1°C	High temp: ±0.5°CLow temp: ±1°C	High temp: ±0.5°CLow temp: ±1°C	High temp: ±0.5°CLow temp: ±1°C	High temp: ±0.5°CLow temp: ±1°C
Humidity control range	35~95%RH	35~95%RH	35~95%RH	35~95%RH	35~95%RH
Humidity Accuracy	±3%RH	±3%RH	±3%RH	±3%RH	±3%RH



Climatic Chamber
SKU: BCCL-1406



Climatic Chamber
SKU: BCCL-1407



Climatic Chamber
SKU: BCCL-1408



Climatic Chamber
SKU: BCCL-1409



Climatic Chamber
SKU: BCCL-1410

Climatic Chamber Series 200

TABLE 3 OF 4

Specification	Climatic Chamber SKU: BCCL-1411	Climatic Chamber SKU: BCCL-1412	Climatic Chamber SKU: BCCL-1413	Climatic Chamber SKU: BCCL-1414	Climatic Chamber SKU: BCCL-1415
Temperature control range	A:-20~100°C	B:40~100°C	L:10~100°C	A:-20~100°C	B:40~100°C
Temperature accuracy	0.1°C	0.1°C	0.1°C	0.1°C	0.1°C
Temperature Stability	High temp: ±0.5°CLow temp: ±1°C	High temp: ±0.5°CLow temp: ±1°C	High temp: ±0.5°CLow temp: ±1°C	High temp: ±0.5°CLow temp: ±1°C	High temp: ±0.5°CLow temp: ±1°C
Humidity control range	35~95%RH	35~95%RH	35~95%RH	35~95%RH	35~95%RH
Humidity Accuracy	±3%RH	±3%RH	±3%RH	±3%RH	±3%RH



Climatic Chamber
SKU: BCCL-1411



Climatic Chamber
SKU: BCCL-1412



Climatic Chamber
SKU: BCCL-1413



Climatic Chamber
SKU: BCCL-1414



Climatic Chamber
SKU: BCCL-1415

Climatic Chamber Series 200

TABLE 4 OF 4

Specification	Climatic Chamber SKU: BCCL-1416	Climatic Chamber SKU: BCCL-1417	Climatic Chamber SKU: BCCL-1418	Climatic Chamber SKU: BCCL-1419
Temperature control range	L:10~100°C	A:-20~100°C	L:10~100°C	A:-20~100°C
Temperature accuracy	0.1°C	0.1°C	0.1°C	0.1°C
Temperature Stability	High temp: ±0.5°CLow temp: ±1°C	High temp: ±0.5°CLow temp: ±1°C	High temp: ±0.5°CLow temp: ±1°C	High temp: ±0.5°CLow temp: ±1°C
Humidity control range	35~95%RH	35~95%RH	35~95%RH	35~95%RH
Humidity Accuracy	±3%RH	±3%RH	±3%RH	±3%RH



Climatic Chamber
SKU: BCCL-1416



Climatic Chamber
SKU: BCCL-1417



Climatic Chamber
SKU: BCCL-1418



Climatic Chamber
SKU: BCCL-1419

Climatic Chamber Series 200

TABLE 1 OF 6

Specification	Climatic Chamber SKU: BGI-3431	Climatic Chamber SKU: BGI-3432	Climatic Chamber SKU: BGI-3433	Climatic Chamber SKU: BGI-3434	Climatic Chamber SKU: BGI-3435
Temperature Range	20°C ~150°C	20°C ~150°C	20°C ~150°C	20°C ~150°C	20°C ~150°C
Temperature Stability	±0.5°C	±0.5°C	±0.5°C	±0.5°C	±0.5°C
Temperature Uniformity	±2°C	±2°C	±2°C	±2°C	±2°C
Humidity Range	30~95%RH	30~95%RH	30~95%RH	30~95%RH	30~95%RH
Humidity Stability	±3%RH	±3%RH	±3%RH	±3%RH	±3%RH



Climatic Chamber
SKU: BGI-3431



Climatic Chamber
SKU: BGI-3432



Climatic Chamber
SKU: BGI-3433



Climatic Chamber
SKU: BGI-3434



Climatic Chamber
SKU: BGI-3435

Climatic Chamber Series 200

TABLE 2 OF 6

Specification	Climatic Chamber SKU: BGI-3436	Climatic Chamber SKU: BGI-3437	Climatic Chamber SKU: BGI-3438	Climatic Chamber SKU: BGI-3439	Climatic Chamber SKU: BGI-3440
Temperature Range	40°C ~150°C	40°C ~150°C	40°C ~150°C	40°C ~150°C	40°C ~150°C
Temperature Stability	±0.5°C	±0.5°C	±0.5°C	±0.5°C	±0.5°C
Temperature Uniformity	±2°C	±2°C	±2°C	±2°C	±2°C
Humidity Range	30~95%RH	30~95%RH	30~95%RH	30~95%RH	30~95%RH
Humidity Stability	±3%RH	±3%RH	±3%RH	±3%RH	±3%RH



Climatic Chamber
SKU: BGI-3436



Climatic Chamber
SKU: BGI-3437



Climatic Chamber
SKU: BGI-3438



Climatic Chamber
SKU: BGI-3439



Climatic Chamber
SKU: BGI-3440

Climatic Chamber Series 200

TABLE 3 OF 6

Specification	Climatic Chamber SKU: BGI-3441	Climatic Chamber SKU: BGI-3442	Climatic Chamber SKU: BGI-3443	Climatic Chamber SKU: BGI-3444	Climatic Chamber SKU: BGI-3445
Temperature Range	60°C ~150°C	60°C ~150°C	60°C ~150°C	60°C ~150°C	60°C ~150°C
Temperature Stability	±0.5°C	±0.5°C	±0.5°C	±0.5°C	±0.5°C
Temperature Uniformity	±2°C	±2°C	±2°C	±2°C	±2°C
Humidity Range	30~95%RH	30~95%RH	30~95%RH	30~95%RH	30~95%RH
Humidity Stability	±3%RH	±3%RH	±3%RH	±3%RH	±3%RH



Climatic Chamber
SKU: BGI-3441



Climatic Chamber
SKU: BGI-3442



Climatic Chamber
SKU: BGI-3443



Climatic Chamber
SKU: BGI-3444



Climatic Chamber
SKU: BGI-3445

Climatic Chamber Series 200

TABLE 4 OF 6

Specification	Climatic Chamber SKU: BGI-3446	Climatic Chamber SKU: BGI-3447	Climatic Chamber SKU: BGI-3448	Climatic Chamber SKU: BGI-3449	Climatic Chamber SKU: BGI-3450
Temperature Range	20°C ~150°C	20°C ~150°C	20°C ~150°C	20°C ~150°C	20°C ~150°C
Temperature Stability	±0.5°C	±0.5°C	±0.5°C	±0.5°C	±0.5°C
Temperature Uniformity	±2°C	±2°C	±2°C	±2°C	±2°C
Humidity Range	30~95%RH	30~95%RH	30~95%RH	30~95%RH	30~95%RH
Humidity Stability	±3%RH	±3%RH	±3%RH	±3%RH	±3%RH



Climatic Chamber
SKU: BGI-3446



Climatic Chamber
SKU: BGI-3447



Climatic Chamber
SKU: BGI-3448



Climatic Chamber
SKU: BGI-3449



Climatic Chamber
SKU: BGI-3450

Climatic Chamber Series 200

TABLE 5 OF 6

Specification	Climatic Chamber SKU: BGI-3451	Climatic Chamber SKU: BGI-3452	Climatic Chamber SKU: BGI-3453	Climatic Chamber SKU: BGI-3454	Climatic Chamber SKU: BGI-3455
Temperature Range	40°C ~150°C	40°C ~150°C	40°C ~150°C	40°C ~150°C	40°C ~150°C
Temperature Stability	±0.5°C	±0.5°C	±0.5°C	±0.5°C	±0.5°C
Temperature Uniformity	±2°C	±2°C	±2°C	±2°C	±2°C
Humidity Range	30~95%RH	30~95%RH	30~95%RH	30~95%RH	30~95%RH
Humidity Stability	±3%RH	±3%RH	±3%RH	±3%RH	±3%RH



Climatic Chamber
SKU: BGI-3451



Climatic Chamber
SKU: BGI-3452



Climatic Chamber
SKU: BGI-3453



Climatic Chamber
SKU: BGI-3454



Climatic Chamber
SKU: BGI-3455

Climatic Chamber Series 200

TABLE 6 OF 6

Specification	Climatic Chamber SKU: BGI-3456	Climatic Chamber SKU: BGI-3457	Climatic Chamber SKU: BGI-3458	Climatic Chamber SKU: BGI-3459	Climatic Chamber SKU: BGI-3460
Temperature Range	60°C ~150°C	60°C ~150°C	60°C ~150°C	60°C ~150°C	60°C ~150°C
Temperature Stability	±0.5°C	±0.5°C	±0.5°C	±0.5°C	±0.5°C
Temperature Uniformity	±2°C	±2°C	±2°C	±2°C	±2°C
Humidity Range	30~95%RH	30~95%RH	30~95%RH	30~95%RH	30~95%RH
Humidity Stability	±3%RH	±3%RH	±3%RH	±3%RH	±3%RH



Climatic Chamber
SKU: BGI-3456



Climatic Chamber
SKU: BGI-3457



Climatic Chamber
SKU: BGI-3458



Climatic Chamber
SKU: BGI-3459



Climatic Chamber
SKU: BGI-3460

ENVIRONMENTAL CHAMBER

OVERVIEW

Environmental chambers create controlled temperature and humidity conditions for product testing and storage. They provide programmable cycles from -20 °C to 150 °C with ±0.5 °C stability, uniform air circulation and stainless-steel interiors; optional humidity control and data logging ensure reliable performance and monitoring.

Highlights

- Wide temperature range
- Humidity control
- Stainless steel interior
- Programmable controller

For Detailed Technical Info & Accessories

Scan to view detailed technical information & accessories, or visit the link below.

CATALOG LINK

https://biolabscientific.com/content/catalogs/1602-Catalog-Biolab.pdf

Environmental Chamber Series 100

TABLE 1 OF 6

Specification	Environmental Chamber SKU: BGI-3401	Environmental Chamber SKU: BGI-3402	Environmental Chamber SKU: BGI-3403	Environmental Chamber SKU: BGI-3404	Environmental Chamber SKU: BGI-3405
Temperature Range	A:-20°C~150°C;	A:-20°C~150°C;	A:-20°C~150°C;	A:-20°C~150°C;	A:-20°C~150°C;
Temperature Stability	±0.5°C	±0.5°C	±0.5°C	±0.5°C	±0.5°C
Temperature Uniformity	±2°C	±2°C	±2°C	±2°C	±2°C
Interior Dimension (WxDxH,mm)	400x380x450	500x400x600	600x600x700	800x700x900	1000x1000x1000
Electrical Requirement	AC220V 50Hz	AC220V 50Hz	AC220V 50Hz	AC220V 50Hz	AC380V 50Hz



Environmental Chamber
SKU: BGI-3401



Environmental Chamber
SKU: BGI-3402



Environmental Chamber
SKU: BGI-3403



Environmental Chamber
SKU: BGI-3404



Environmental Chamber
SKU: BGI-3405

Environmental Chamber Series 100

TABLE 2 OF 6

Specification	Environmental Chamber SKU: BGI-3406	Environmental Chamber SKU: BGI-3407	Environmental Chamber SKU: BGI-3408	Environmental Chamber SKU: BGI-3409	Environmental Chamber SKU: BGI-3410
Temperature Range	B:-40°C~150°C;	B:-40°C~150°C;	B:-40°C~150°C;	B:-40°C~150°C;	B:-40°C~150°C;
Temperature Stability	±0.5°C	±0.5°C	±0.5°C	±0.5°C	±0.5°C
Temperature Uniformity	±2°C	±2°C	±2°C	±2°C	±2°C
Interior Dimension (WxDxH,mm)	400x380x450	500x400x600	600x600x700	800x700x900	1000x1000x1000
Electrical Requirement	AC220V 50Hz	AC380V 50Hz	AC380V 50Hz	AC380V 50Hz	AC380V 50Hz



Environmental Chamber
SKU: BGI-3406



Environmental Chamber
SKU: BGI-3407



Environmental Chamber
SKU: BGI-3408



Environmental Chamber
SKU: BGI-3409



Environmental Chamber
SKU: BGI-3410

Environmental Chamber Series 100

TABLE 3 OF 6

Specification	Environmental Chamber SKU: BGI-3411	Environmental Chamber SKU: BGI-3412	Environmental Chamber SKU: BGI-3413	Environmental Chamber SKU: BGI-3414	Environmental Chamber SKU: BGI-3416
Temperature Range	60°C~150°C	60°C~150°C	60°C~150°C	60°C~150°C	A:-20°C~150°C;
Temperature Stability	±0.5°C	±0.5°C	±0.5°C	±0.5°C	±0.5°C
Temperature Uniformity	±2°C	±2°C	±2°C	±2°C	±2°C
Interior Dimension (WxDxH,mm)	400x380x450	500x400x600	600x600x700	800x700x900	650x1040x1650
Electrical Requirement	AC220V 50Hz	AC380V 50Hz	AC380V 50Hz	AC380V 50Hz	AC220V 50Hz



Environmental Chamber
SKU: BGI-3411



Environmental Chamber
SKU: BGI-3412



Environmental Chamber
SKU: BGI-3413



Environmental Chamber
SKU: BGI-3414



Environmental Chamber
SKU: BGI-3416

Environmental Chamber Series 100

TABLE 4 OF 6

Specification	Environmental Chamber SKU: BGI-3417	Environmental Chamber SKU: BGI-3418	Environmental Chamber SKU: BGI-3419	Environmental Chamber SKU: BGI-3420	Environmental Chamber SKU: BGI-3421
Temperature Range	A:-20°C~150°C;	A:-20°C~150°C;	A:-20°C~150°C;	A:-20°C~150°C;	B:-40°C~150°C;
Temperature Stability	±0.5°C	±0.5°C	±0.5°C	±0.5°C	±0.5°C
Temperature Uniformity	±2°C	±2°C	±2°C	±2°C	±2°C
Interior Dimension (WxDxH,mm)	700x1040x1750	800x1160x1850	1000x1204x1985	1530x1500x1870	650x1040x1650
Electrical Requirement	AC220V 50Hz	AC220V 50Hz	AC220V 50Hz	AC380V 50Hz	AC220V 50Hz



Environmental Chamber
SKU: BGI-3417



Environmental Chamber
SKU: BGI-3418



Environmental Chamber
SKU: BGI-3419



Environmental Chamber
SKU: BGI-3420



Environmental Chamber
SKU: BGI-3421

Environmental Chamber Series 100

TABLE 5 OF 6

Specification	Environmental Chamber SKU: BGI-3422	Environmental Chamber SKU: BGI-3423	Environmental Chamber SKU: BGI-3424	Environmental Chamber SKU: BGI-3425	Environmental Chamber SKU: BGI-3426
Temperature Range	B:-40°C~150°C;	B:-40°C~150°C;	B:-40°C~150°C;	B:-40°C~150°C;	60°C~150°C
Temperature Stability	±0.5°C	±0.5°C	±0.5°C	±0.5°C	±0.5°C
Temperature Uniformity	±2°C	±2°C	±2°C	±2°C	±2°C
Interior Dimension (WxDxH,mm)	700x1040x1750	800x1160x1850	1000x1204x1985	1530x1500x1870	650x1040x1650
Electrical Requirement	AC380V 50Hz	AC380V 50Hz	AC380V 50Hz	AC380V 50Hz	AC220V 50Hz



Environmental Chamber
SKU: BGI-3422



Environmental Chamber
SKU: BGI-3423



Environmental Chamber
SKU: BGI-3424



Environmental Chamber
SKU: BGI-3425



Environmental Chamber
SKU: BGI-3426

Environmental Chamber Series 100

TABLE 6 OF 6

Specification	Environmental Chamber SKU: BGI-3427	Environmental Chamber SKU: BGI-3428	Environmental Chamber SKU: BGI-3429	Environmental Chamber SKU: BGI-3430
Temperature Range	60°C~150°C	60°C~150°C	60°C~150°C	60°C~150°C
Temperature Stability	±0.5°C	±0.5°C	±0.5°C	±0.5°C
Temperature Uniformity	±2°C	±2°C	±2°C	±2°C
Interior Dimension (WxDxH,mm)	700x1040x1750	800x1160x1850	1000x1204x1985	1530x1500x1870
Electrical Requirement	AC380V 50Hz	AC380V 50Hz	AC380V 50Hz	AC380V 50Hz



Environmental Chamber
SKU: BGI-3427



Environmental Chamber
SKU: BGI-3428



Environmental Chamber
SKU: BGI-3429



Environmental Chamber
SKU: BGI-3430

CHAMBER

PLANT GROWTH CHAMBER

OVERVIEW

Plant growth chambers provide controlled environments with chamber volumes of 300–450 L. Temperature ranges typically span 4–50 °C without lighting and 10–50 °C with lighting; some models offer humidity control and maintain ±1 °C stability with 0.1 °C resolution.

Highlights

- 300–450 L volumes
- 4–50 °C temperature range
- Optional humidity control
- High stability and resolution

For Detailed Technical Info & Accessories

Scan to view detailed technical information & accessories, or visit the link below.

CATALOG LINK

https://biolabscientific.com/content/catalogs/1603-Catalog-Biolab.pdf

Plant Growth Chamber Series 100

TABLE 1 OF 3

Specification	Plant Growth Chamber SKU: BCPG-1701	Plant Growth Chamber SKU: BCPG-1703	Plant Growth Chamber SKU: BCPG-1704	Plant Growth Chamber SKU: BCPG-1705	Plant Growth Chamber SKU: BCPG-1706
Chamber Volume	300L	300L	450L	450L	800L
Electrical Requirement	220V 50HZ	220V 50HZ	220V 50HZ	220V 50HZ	220V 50HZ
Power Consumption	1200W	1450W	2000W	2000W	2700W
Temperature Range	With Lighting: 10~50°CWithout lighting: 4~50°C	With Lighting: 10~50°CWithout lighting: 4~50°C	With Lighting: 10~50°CWithout lighting: 4~50°C	With Lighting: 10~50°CWithout lighting: 4~50°C	With Lighting: 10~50°CWithout lighting: 4~50°C
Display Resolution	0.1°C	0.1°C	0.1°C	0.1°C	0.1°C



Plant Growth Chamber
SKU: BCPG-1701



Plant Growth Chamber
SKU: BCPG-1703



Plant Growth Chamber
SKU: BCPG-1704



Plant Growth Chamber
SKU: BCPG-1705



Plant Growth Chamber
SKU: BCPG-1706

Plant Growth Chamber Series 100

TABLE 2 OF 3

Specification	Plant Growth Chamber SKU: BCPG-1801	Plant Growth Chamber SKU: BCPG-1802	Plant Growth Chamber SKU: BCPG-1803	Plant Growth Chamber SKU: BCPG-1804	Plant Growth Chamber SKU: BCPG-1805
Chamber Volume	300L	300L	450L	450L	800L
Electrical Requirement	220V 50HZ	220V 50HZ	220V 50HZ	220V 50HZ	220V 50HZ
Power Consumption	1500W	1500W	2050W	2050W	2800W
Temperature Range	With Lighting: 10~50°CWithout lighting: 4~50°C	With Lighting: 10~50°CWithout lighting: 4~50°C	With Lighting: 10~50°CWithout lighting: 4~50°C	With Lighting: 10~50°CWithout lighting: 4~50°C	With Lighting: 10~50°CWithout lighting: 4~50°C
Display Resolution	0.1°C	0.1°C	0.1°C	0.1°C	0.1°C



Plant Growth Chamber
SKU: BCPG-1801



Plant Growth Chamber
SKU: BCPG-1802



Plant Growth Chamber
SKU: BCPG-1803



Plant Growth Chamber
SKU: BCPG-1804



Plant Growth Chamber
SKU: BCPG-1805

Plant Growth Chamber Series 100

TABLE 3 OF 3

Specification	Plant Growth Chamber SKU: BCPG-1806
Chamber Volume	800L
Electrical Requirement	220V 50HZ
Power Consumption	2800W
Temperature Range	With Lighting: 10~50°CWithout lighting: 4~50°C
Display Resolution	0.1°C



Plant Growth Chamber
SKU: BCPG-1806

Plant Growth Chamber Series 100

TABLE 1 OF 2

Specification	Plant Growth Chamber SKU: BCPG-1902	Plant Growth Chamber SKU: BCPG-1903	Plant Growth Chamber SKU: BCPG-1904	Plant Growth Chamber SKU: BCPG-1905	Plant Growth Chamber SKU: BCPG-1906
Chamber Volume	300L	450L	300L	450L	800L
Temperature Range	Without Lighting: 0~50°C , With lighting: 10~50°C	Without Lighting: 0~50°C , With lighting: 10~50°C	Without Lighting: 0~50°C , With lighting: 10~50°C	Without Lighting: 0~50°C , With lighting: 10~50°C	Without Lighting: 0~50°C , With lighting: 10~50°C
Display Resolution	0.1°C	0.1°C	0.1°C	0.1°C	0.1°C
Temperature Stability	±1°C	±1°C	±1°C	±1°C	±1°C
Temperature Uniformity	±1.5°C	±1.5°C	±1.5°C	±1.5°C	±2°C



Plant Growth Chamber
SKU: BCPG-1902



Plant Growth Chamber
SKU: BCPG-1903



Plant Growth Chamber
SKU: BCPG-1904



Plant Growth Chamber
SKU: BCPG-1905



Plant Growth Chamber
SKU: BCPG-1906

Plant Growth Chamber Series 100

TABLE 2 OF 2

Specification	Plant Growth Chamber SKU: BCPG-1907	Plant Growth Chamber SKU: BCPG-1908	Plant Growth Chamber SKU: BCPG-1909	Plant Growth Chamber SKU: BGI-3609	Plant Growth Chamber SKU: BGI-3610
Chamber Volume	1000L	800L	1000L	1500L	1500L
Temperature Range	Without Lighting: 0~50°C , With lighting: 10~50°C	Without Lighting: 0~50°C , With lighting: 10~50°C	Without Lighting: 0~50°C , With lighting: 10~50°C	Without Lighting: 0~50°C , With lighting: 10~50°C	Without Lighting: 0~50°C , With lighting: 10~50°C
Display Resolution	0.1°C	0.1°C	0.1°C	0.1°C	0.1°C
Temperature Stability	±1°C	±1°C	±1°C	±1°C	±1°C
Temperature Uniformity	±2°C	±2°C	±2°C	±2°C	±2°C



Plant Growth Chamber
SKU: BCPG-1907



Plant Growth Chamber
SKU: BCPG-1908



Plant Growth Chamber
SKU: BCPG-1909



Plant Growth Chamber
SKU: BGI-3609



Plant Growth Chamber
SKU: BGI-3610

CHAMBER

STABILITY TEST CHAMBER

OVERVIEW

Stability chambers for aging, salt-spray and medicine tests with forced convection and microprocessor PID control. They provide wide temperature ranges (e.g., RT+20–250 °C or 0–65 °C) with ±0.5 °C stability, ±2 °C uniformity and humidity up to 95 % RH.

Highlights

- PID microprocessor control
- Wide temperature range
- Humidity 25–95 % RH
- ±0.5 °C stability

For Detailed Technical Info & Accessories

Scan to view detailed technical information & accessories, or visit the link below.

CATALOG LINK

https://biolabscientific.com/content/catalogs/1604-Catalog-Biolab.pdf

Stability Test Chamber Series 100

TABLE 1 OF 2

Specification	Stability Test Chamber SKU: BTST-201-A	Stability Test Chamber SKU: BTST-201-B	Stability Test Chamber SKU: BTST-201-C	Stability Test Chamber SKU: BTST-202-A	Stability Test Chamber SKU: BTST-202-B
Convection Mode	Forced Convection	Forced Convection	Forced Convection	Forced Convection	Forced Convection
Control System	Thirty stages Microprocessor PID controller	Thirty stages Microprocessor PID controller	Thirty stages Microprocessor PID controller	Thirty stages Microprocessor PID controller	Thirty stages Microprocessor PID controller
Temp. Range	10-65°C (with lighting) / 0-60°C (without lighting)	10-65°C (with lighting) / 0-60°C (without lighting)	0-65°C	10-65°C (with lighting) / 0-60°C (without lighting)	10-65°C (with lighting) / 0-60°C (without lighting)
Temp. resolution	0.1	0.1	0.1	0.1	0.1
Temp. Fluctuation (10-40°C)	±0.5	±0.5	±0.5	±0.5	±0.5



Stability Test Chamber
SKU: BTST-201-A



Stability Test Chamber
SKU: BTST-201-B



Stability Test Chamber
SKU: BTST-201-C



Stability Test Chamber
SKU: BTST-202-A



Stability Test Chamber
SKU: BTST-202-B

Stability Test Chamber Series 100

TABLE 2 OF 2

Specification	Stability Test Chamber SKU: BTST-202-C	Stability Test Chamber SKU: BTST-203-A	Stability Test Chamber SKU: BTST-203-B	Stability Test Chamber SKU: BTST-203-C
Convection Mode	Forced Convection	Forced Convection	Forced Convection	Forced Convection
Control System	Thirty stages Microprocessor PID controller	Thirty stages Microprocessor PID controller	Thirty stages Microprocessor PID controller	Thirty stages Microprocessor PID controller
Temp. Range	0-65°C	10-65°C (with lighting) / 0-60°C (without lighting)	10-65°C (with lighting) / 0-60°C (without lighting)	0-65°C
Temp. resolution	0.1	0.1	0.1	0.1
Temp. Fluctuation (10-40°C)	±0.5	±0.5	±0.5	±0.5



Stability Test Chamber
SKU: BTST-202-C



Stability Test Chamber
SKU: BTST-203-A



Stability Test Chamber
SKU: BTST-203-B



Stability Test Chamber
SKU: BTST-203-C

Stability Test Chamber Series 200

Specification	Stability Test Chamber SKU: BGI-4801	Stability Test Chamber SKU: BGI-4802
Electrical requirement	AC220V, 50Hz	AC220V, 50Hz
Power consumption	2450W	2450W
Temperature range	RT+20~250°C	RT+20~250°C
Temperature stability	±0.5°C	±0.5°C
Temperature uniformity	±1%	±1%



Stability Test Chamber
SKU: BGI-4801



Stability Test Chamber
SKU: BGI-4802

Stability Test Chamber Series 200

Specification	Stability Test Chamber SKU: BGI-5101	Stability Test Chamber SKU: BGI-5102	Stability Test Chamber SKU: BGI-5103
Working chamber dimension (WxDxH, mm)	600x450x400	900x600x500	1100x750x500
External dimension (WxDxH, mm)	1150x1100x560	1400x1200x850	1650x950x1300
Temperature range	RT+5~50°C	RT+5~50°C	RT+5~50°C
Temperature uniformity	±2°C	±2°C	±2°C
Temperature stability	±0.5°C	±0.5°C	±0.5°C



Stability Test Chamber
SKU: BGI-5101



Stability Test Chamber
SKU: BGI-5102



Stability Test Chamber
SKU: BGI-5103

Stability Test Chamber Series 200

TABLE 1 OF 6

Specification	Stability Test Chamber SKU: BTST-1501	Stability Test Chamber SKU: BTST-1502	Stability Test Chamber SKU: BTST-1503	Stability Test Chamber SKU: BTST-1504	Stability Test Chamber SKU: BTST-1505
Temperature control range	0~65°C	0~65°C	0~65°C	0~65°C	0~65°C
Temperature Stability	±0.5°C	±0.5°C	±0.5°C	±0.5°C	±0.5°C
Temperature Uniformity	±2°C	±2°C	±2°C	±2°C	±2°C
Humidity Range	25~95%RH	25~95%RH	25~95%RH	25~95%RH	25~95%RH
Humidity Stability	±3%RH	±3%RH	±3%RH	±3%RH	±3%RH



Stability Test Chamber
SKU: BTST-1501



Stability Test Chamber
SKU: BTST-1502



Stability Test Chamber
SKU: BTST-1503



Stability Test Chamber
SKU: BTST-1504



Stability Test Chamber
SKU: BTST-1505

Stability Test Chamber Series 200

TABLE 2 OF 6

Specification	Stability Test Chamber SKU: BTST-1506	Stability Test Chamber SKU: BTST-1507	Stability Test Chamber SKU: BTST-1508	Stability Test Chamber SKU: BTST-1509	Stability Test Chamber SKU: BTST-1510
Temperature control range	0~65°C	0~65°C without illumination15~50°C with illumination	0~65°C without illumination15~50°C with illumination	0~65°C without illumination15~50°C with illumination	0~65°C without illumination15~50°C with illumination
Temperature Stability	±0.5°C	±0.5°C	±0.5°C	±0.5°C	±0.5°C
Temperature Uniformity	±2°C	±2°C	±2°C	±2°C	±2°C
Humidity Range	25~95%RH	25~95%RH	25~95%RH	25~95%RH	25~95%RH
Humidity Stability	±3%RH	±3%RH	±3%RH	±3%RH	±3%RH



Stability Test Chamber
SKU: BTST-1506



Stability Test Chamber
SKU: BTST-1507



Stability Test Chamber
SKU: BTST-1508



Stability Test Chamber
SKU: BTST-1509



Stability Test Chamber
SKU: BTST-1510

Stability Test Chamber Series 200

TABLE 3 OF 6

Specification	Stability Test Chamber SKU: BTST-1511	Stability Test Chamber SKU: BTST-1512	Stability Test Chamber SKU: BTST-1513	Stability Test Chamber SKU: BTST-1601	Stability Test Chamber SKU: BTST-1602
Temperature control range	0~65°C without illumination15~50°C with illumination	0~65°C without illumination15~50°C with illumination	0~65°C without illumination15~50°C with illumination	0~65°C	0~65°C
Temperature Stability	±0.5°C	±0.5°C	±0.5°C	±0.5°C	±0.5°C
Temperature Uniformity	±2°C	±2°C	±2°C	±2°C ~ ±3°C	±2°C ~ ±3°C
Humidity Range	/	/	/	35~95%RH	35~95%RH
Humidity Stability	/	/	/	±3%RH	±3%RH



Stability Test Chamber
SKU: BTST-1511



Stability Test Chamber
SKU: BTST-1512



Stability Test Chamber
SKU: BTST-1513



Stability Test Chamber
SKU: BTST-1601



Stability Test Chamber
SKU: BTST-1602

Stability Test Chamber Series 200

TABLE 4 OF 6

Specification	Stability Test Chamber SKU: BTST-1603	Stability Test Chamber SKU: BTST-1604	Stability Test Chamber SKU: BTST-1605	Stability Test Chamber SKU: BTST-1606	Stability Test Chamber SKU: BTST-1607
Temperature control range	0~65°C	0~65°C	0~65°C	0~65°C	0~65°C
Temperature Stability	±0.5°C	±0.5°C	±0.5°C	±0.5°C	±0.5°C
Temperature Uniformity	±2°C ~ ±3°C	±2°C ~ ±3°C	±2°C ~ ±3°C	±2°C ~ ±3°C	±2°C ~ ±3°C
Humidity Range	35~95%RH	35~95%RH	35~95%RH	35~95%RH	35~95%RH
Humidity Stability	±3%RH	±3%RH	±3%RH	±3%RH	±3%RH



Stability Test Chamber
SKU: BTST-1603



Stability Test Chamber
SKU: BTST-1604



Stability Test Chamber
SKU: BTST-1605



Stability Test Chamber
SKU: BTST-1606



Stability Test Chamber
SKU: BTST-1607

Stability Test Chamber Series 200

TABLE 5 OF 6

Specification	Stability Test Chamber SKU: BTST-1608	Stability Test Chamber SKU: BTST-1609	Stability Test Chamber SKU: BTST-1610	Stability Test Chamber SKU: BTST-1611	Stability Test Chamber SKU: BTST-1612
Temperature control range	0~65°C	0~65°C without Illumination15~50°C with Illumination	0~65°C without Illumination15~50°C with Illumination	0~65°C without Illumination15~50°C with Illumination	0~65°C without Illumination15~50°C with Illumination
Temperature Stability	±0.5°C	±0.5°C	±0.5°C	±0.5°C	±0.5°C
Temperature Uniformity	±2°C ~ ±3°C	±2°C ~ ±3°C	±2°C ~ ±3°C	±2°C ~ ±3°C	±2°C ~ ±3°C
Humidity Range	35~95%RH	35~95%RH	35~95%RH	35~95%RH	35~95%RH
Humidity Stability	±3%RH	±3%RH	±3%RH	±3%RH	±3%RH



Stability Test Chamber
SKU: BTST-1608



Stability Test Chamber
SKU: BTST-1609



Stability Test Chamber
SKU: BTST-1610



Stability Test Chamber
SKU: BTST-1611



Stability Test Chamber
SKU: BTST-1612

Stability Test Chamber Series 200

TABLE 6 OF 6

Specification	Stability Test Chamber SKU: BTST-1613	Stability Test Chamber SKU: BTST-1614	Stability Test Chamber SKU: BTST-1615
Temperature control range	0~65°C without Illumination15~50°C with Illumination	0~65°C without Illumination15~50°C with Illumination	0~65°C without Illumination15~50°C with Illumination
Temperature Stability	±0.5°C	±0.5°C	±0.5°C
Temperature Uniformity	±2°C ~ ±3°C	±2°C ~ ±3°C	±2°C ~ ±3°C
Humidity Range	35~95%RH	35~95%RH	35~95%RH
Humidity Stability	±3%RH	±3%RH	±3%RH



Stability Test Chamber
SKU: BTST-1613



Stability Test Chamber
SKU: BTST-1614



Stability Test Chamber
SKU: BTST-1615

CHAMBER

UV TEST CHAMBER

OVERVIEW

UV test chambers simulate sunlight and condensation cycles for material testing. They operate with light cycle temperatures between 45 and 80 °C and condensation cycles 40 to 60 °C, using eight 40-W UVA or UVB fluorescent lamps to assess weathering resistance.

Highlights

- Simulated UV exposure
- Dual temperature cycles
- UVA/UVB lamps
- Eight 40 W bulbs

For Detailed Technical Info & Accessories

Scan to view detailed technical information & accessories, or visit the link below.

CATALOG LINK

https://biolabscientific.com/content/catalogs/1606-Catalog-Biolab.pdf

UV Test Chamber Series 100

Specification	UV Test Chamber SKU: BCUT-2102	UV Test Chamber SKU: BCUT-2103
Temperature Range (Light cycle)	45°C ~ 80°C	45°C ~ 80°C
Temperature Range (Condensation cycle)	40°C ~ 60°C	40°C ~ 60°C
Light source Type	UVA or UVB fluorescent ultraviolet lamp	UVA or UVB fluorescent ultraviolet lamp
Light source Power	40W/pc, total 8pcs	40W/pc, total 8pcs
Light source (Wavelength range)	Standard with UVA@340nmOptional@351nm or UVB@313nm	Standard with UVA@340nmOptional@351nm or UVB@313nm



UV Test Chamber
SKU: BCUT-2102



UV Test Chamber
SKU: BCUT-2103

CHAMBER

XENON TEST CHAMBER

OVERVIEW

Xenon test chambers simulate sunlight exposure for accelerated weathering tests. Models provide a compact 390×350×290 mm working chamber and 1040 cm² sample area, with temperature control from 45 to 90 °C to evaluate material ageing under controlled irradiation.

Highlights

- Simulated sunlight exposure
- Compact chamber size
- Sample area 1040 cm²
- 45–90 °C range

For Detailed Technical Info & Accessories

Scan to view detailed technical information & accessories, or visit the link below.

CATALOG LINK

https://biolabscientific.com/content/catalogs/1605-Catalog-Biolab.pdf

Xenon Test Chamber Series 100

Specification	Xenon Test Chamber SKU: BCXT-2001	Xenon Test Chamber SKU: BCXT-2002
Working chamber Dimension (WxDxH, mm)	390x350x290 (Effective irradiation height 200)	390x350x290 (Effective irradiation height 200)
Exterior Dimension (WxDxH, mm)	825x580x560	825x580x560
Sample area	1040cm²	1040cm²
Temperature range	45°C~90°C	45°C~90°C
Temperature stability	≤±2°C	≤±2°C



Xenon Test Chamber
SKU: BCXT-2001



Xenon Test Chamber
SKU: BCXT-2002

CHROMATOGRAPHY

OVERVIEW

Biolab's chromatography portfolio encompasses gas, ion and hybrid systems. Gas chromatographs feature multi-zone column ovens with programmable temperature control from approximately 5 to 400 °C with ±0.1 °C accuracy, while ion chromatographs use dual-piston high-pressure pumps rated to 35–42 MPa for stable flow rates across a wide range

Highlights

- Programmable temperature ovens
- ±0.1 °C control accuracy
- High-pressure dual pumps
- Gas and ion systems

For Detailed Technical Info & Accessories

Scan to view detailed technical information & accessories, or visit the link below.

CATALOG LINK

https://biolabscientific.com/content/catalogs/3301-Catalog-Biolab.pdf

Chromatography Series 100

Specification	Chromatography SKU: BCHR-107
- Temperature area	column oven, sampler, detector
- Temperature range	15°C ~399°C above room temperature (increment: 1°C)
- Temperature accuracy	better than ±0.1°C (measured at 200°C)
- Detection limit	Dt≤1x10^{-10}g/s (octane and hexadecane)
- Baseline drift	≤2x10^{-12}A/h



Chromatography
SKU: BCHR-107

Chromatography Series 100

Specification	Chromatography SKU: BCHR-108
- Inner volume	22L
- Temperature range	5°C - 400°C at room temperature
- Temperature control accuracy	±0.1°C
- Heating rate	0.1 - 60°C / min
- The order of heating of the program	9



Chromatography
SKU: BCHR-108

Chromatography Series 100

Specification	Chromatography SKU: BHB-302
--Temperature control zones	8 channels
--Temperature control range	5°C to 350°C above room temperature
--Increment	1°C
--Accuracy	±0.01°C
--Program temperature ramp steps	32 steps / 33 platforms.



Chromatography
SKU: BHB-302

Chromatography Series 200

Specification	Chromatography SKU: BCHR-109
- Temperature Range	Ambient temperature +7°C ~ 400°C (in 1°C increment)
- Temperature Control Accuracy	± 0.02°C
- Programmed temperature setting	0.1°C ~ 40°C/min (in 1°C increment)
- Program ramps	7 ramps in total (10 ramps available with control workstation)
- Cooling time	400°C to 50°C in 8-10 min at 25°C ambient



Chromatography
SKU: BCHR-109

Chromatography Series 200

Specification	Chromatography SKU: BCHR-110
- Inlet	Split / Splitless
- Inlet Temperature	Highest temperature 450°C
- Electronic Pressure Control (EPC) Range	0-50 Psi, accuracy 0.1 Psi, support constant
- Maximum Diffusent Ratio	500:1
- Working Temperature in Column Oven	+10°C - 450°C



Chromatography
SKU: BCHR-110

Chromatography Series 300

Specification	Chromatography SKU: BCHR-101
- Maximum Pressure	42 MPa (Stainless steel)
- Type	High-pressure and low-pulse two-piston tandem advection pump
- Pressure Display Accuracy	≤ 0.1 MPa
- Flow Range	0.001 ~ 9.999 mL/min
- Pressure Fluctuation	≤ 0.5%



Chromatography
SKU: BCHR-101

Chromatography Series 300

Specification	Chromatography SKU: BCHR-102	Chromatography SKU: BCHR-104
- Maximum Pressure	35 MPa (PEEK)	35 MPa (PEEK)
- Type	High-pressure and low-pulse two-piston tandem advection pump	High-pressure and low-pulse two-piston tandem advection pump
- Pressure Display Accuracy	≤ 0.1 MPa	≤ 0.1 MPa
- Flow Range	0.001 ~ 9.999 mL/min	0.001 ~ 9.999 mL/min
- Pressure Pulse	≤ 0.5%	≤ 0.5%



Chromatography
SKU: BCHR-102



Chromatography
SKU: BCHR-104

Chromatography Series 300

Specification	Chromatography SKU: BCHR-103
- Maximum Pressure	35 MPa (PEEK)
- Type	High-pressure and low-pulse two-piston tandem advection pump
- Pressure Display Accuracy	≤ 0.1 MPa
- Flow Range	0.001 ~ 9.999 mL/min
- Flow Precision	≤ 0.1%



Chromatography
SKU: BCHR-103

Chromatography Series 300

Specification	Chromatography SKU: BCHR-105
- Pressure Display Accuracy	≤ 0.1 MPa
- Maximum Pressure	35 MPa (PEEK)
- Flow Range	0.001 ~ 9.999 mL/min
- Resolution of Flow Rate	0.001 mL
- Flow Precision	< 0.1%



Chromatography
SKU: BCHR-105

Chromatography Series 300

Specification	Chromatography SKU: BCHR-106
- Maximum Pressure	35 MPa (PEEK)
- Type	High-pressure and low-pulse two-piston tandem advection pump
- Flow Range	0.001 ~ 9.999 mL/min
- Flow Accuracy	±0.5%
- Flow Repeatability	RSD≤0.1%



Chromatography
SKU: BCHR-106

CLINICAL MICROBIAL DIAGNOSIS

IDENTIFICATION AND ANTIBIOTIC SUSCEPTIBILITY TESTING

OVERVIEW

Microbial identification and antibiotic susceptibility systems use colorimetric and turbidimetric methods combined with broth dilution testing to identify bacterial species and determine drug sensitivity. Instruments analyse hundreds of clinical strains with high compliance rates and can incorporate automated liquid handling for inoculation.

Highlights

- Colorimetry and turbidimetry
- Broth dilution testing
- High compliance rates
- Automated inoculation option

For Detailed Technical Info & Accessories

Scan to view detailed technical information & accessories, or visit the link below.

CATALOG LINK

https://biolabscientific.com/content/catalogs/7301-Catalog-Biolab.pdf

Identification And Antibiotic Susceptibility Testing Series 100

Specification	Identification And Antibiotic Susceptibility Testing SKU: BCMD-101
Microbial Identification (ID)	Method: Colorimetry and TurbidimetryPurpose: To identify bacterial species based on optical propertiesNumber of Clinical Strains Tested: 200 Compliance Rate: 90.9%
Antibiotic Susceptibility Test (AST)	Method: Broth Dilution TestingPurpose: To determine bacterial sensitivity to antibioticsNumber of Clinical Strains Tested: 200 Compliance Rate: 94.9%
Overall Study Summary	Both ID and AST were evaluated using 200 clinical strains. The compliance rate for bacterial identification was 90.9%, and for antibiotic susceptibility testing it was 94.9%, indicating reliable performance in both bacterial identification and sensitivity determination.



Identification And Antibiotic Susceptibility Testing
SKU: BCMD-101

Identification And Antibiotic Susceptibility Testing Series 100

Specification	Identification And Antibiotic Susceptibility Testing SKU: BJS-801
Automation Solution	Equipped with an Automated Liquid Handling System to achieve the function of automated inoculation
Microbial Identification	Colorimetry and Turbidimetry
Antibiotic susceptibility test (AST)	Broth dilution testing



Identification And Antibiotic Susceptibility Testing
SKU: BJS-801

COLONY COUNTER

BACTERIAL COLONY COUNTER

OVERVIEW

Bacterial colony counters aid enumeration on petri dishes with adjustable magnifications and broad counting ranges. Models provide 1×–10× magnification, count up to 9999 colonies, offer phonetic counting options and accommodate petri dishes from 50 to 110 mm diameter.

Highlights

- 1×–10× magnification
- Up to 9999 counts
- Phonetic counting
- 50–110 mm dishes

For Detailed Technical Info & Accessories

Scan to view detailed technical information & accessories, or visit the link below.

CATALOG LINK

https://biolabscientific.com/content/catalogs/6601-Catalog-Biolab.pdf

Bacterial Colony Counter Series 100

Specification	Bacterial Colony Counter SKU: BCLC-101	Bacterial Colony Counter SKU: BCLC-102
Phonetic Counting	No	Yes
Amplification	1X, 5X, 10X	1X, 5X, 10X
Counter Range	0~9999	0~9999
Suitable Petri Dishes	φ50-90-110mm	φ50-90-110mm
Character Height	13mm	13mm



Bacterial Colony Counter
SKU: BCLC-101



Bacterial Colony Counter
SKU: BCLC-102

Bacterial Colony Counter Series 200

Specification	Bacterial Colony Counter SKU: BCLC-205
Voltage	AC 220V±10% (50/60Hz)
Power consumption of lamp	50W
Magnification	3 times (9 times)
Capacity of the Counter	0~999 or 0~9999
Diameter of the counting plate	Ø155mm



Bacterial Colony Counter
SKU: BCLC-205

Bacterial Colony Counter Series 300

Specification	Bacterial Colony Counter SKU: BCLC-103
Main power supply voltage	Voltage: ~220 V; Frequency: 50 Hz
Current	0.5 A
Diameter	170 mm (67 inches)
Height	80 mm (31.5 inches)
Weight	1.2 kg (2.6 lbs.)



Bacterial Colony Counter
SKU: BCLC-103

COLONY COUNTER

CELL COUNTERS

OVERVIEW

Portable cell counters enable rapid enumeration and viability assessment of cell suspensions. The featured model measures concentrations from 1×10⁴ to 3×10⁷ cells/mL, determines diameters from 8–200 µm, assesses viability across the full 0–100 % range and uses a 25 µL sample volume

Highlights

- Wide concentration range
- 8–200 µm sizing
- Viability assessment
- 25 µL sample volume

For Detailed Technical Info & Accessories

Scan to view detailed technical information & accessories, or visit the link below.

CATALOG LINK

https://biolabscientific.com/content/catalogs/6603-Catalog-Biolab.pdf

Cell Counters Series 100

Specification	Cell Counters SKU: BCLC-301
Cell concentration	1x10⁴ - 3x10⁷/ml
Cell diameter range	8-200 µm
Cell viability detection range	0-100%
Sample volume	25 µl
CV value	≤5%



Cell Counters
SKU: BCLC-301

COLONY COUNTER

COLONOMETER

OVERVIEW

Colonometers provide illuminated counting stations for bacterial colonies. Units feature white LED lighting, pressure-sensitive counting pads and LED displays showing up to 999 or 9999 counts, and accommodate petri dishes from 50 to 150 mm diameter.

Highlights

- White LED illumination
- Pressure-sensitive counting
- LED digital display
- Petri dish versatility

For Detailed Technical Info & Accessories

Scan to view detailed technical information & accessories, or visit the link below.

CATALOG LINK

https://biolabscientific.com/content/catalogs/6602-Catalog-Biolab.pdf

Colonometer Series 100

Specification	Colonometer SKU: BCLC-201	Colonometer SKU: BCLC-202
Lighting	White LED array	White LED array
Digital display	3-digit LED display	3-digit / 4-digit LED display
Counting range	0-999	0-999 or 0-9999
Compatible petri dish	Ø50-90mm	Ø50-150mm
Input voltage (frequency)	AC 100-240V (50/60Hz)	AC 100-240V (50/60Hz)



Colonometer
SKU: BCLC-201



Colonometer
SKU: BCLC-202

Colonometer Series 100

Specification	Colonometer SKU: BCLC-203
Lighting	White LED array
Digital display	3-digit LED display
Counting range	0-999
Counting method	Pressure sensitive
Applicable petri dish	Ø50-90mm



Colonometer
SKU: BCLC-203

Colonometer Series 200

Specification	Colonometer SKU: BCLC-204
Lighting	White LED array
Digital display	3-digit LED display
Counting range	0-999
Counting method	Pressure sensitive
Applicable petri dish	Ø50 Ø55 Ø60 Ø70 Ø90



Colonometer
SKU: BCLC-204

CONCENTRATOR

OVERVIEW

Sample concentrators use heated blocks to evaporate solvents for sample preparation. Models control temperatures from ambient +5 °C up to 100–150 °C with stability ±0.5–1 °C, feature programmable timers to 99 h 59 m and rapid heating.

Highlights

- RT+5 to 150 °C
- ±0.5–1 °C stability
- Programmable timer
- Rapid heat ramp

For Detailed Technical Info & Accessories

Scan to view detailed technical information & accessories, or visit the link below.

CATALOG LINK

https://biolabscientific.com/content/catalogs/3401-Catalog-Biolab.pdf

Concentrator Series 100

Specification	Concentrator SKU: BCON-101
Temp. Range	R.T.+5°C~100°C
Heating Time	≤12min(From 40°C to 100°C)
Temp. Accuracy (100°C)	±0.5°C
Temp. Accuracy (40°C)	±0.3°C
Blocks Quantity	1Block



Concentrator
SKU: BCON-101

Concentrator Series 100

Specification	Concentrator SKU: BCON-102	Concentrator SKU: BCON-103	Concentrator SKU: BCON-106	Concentrator SKU: BCON-109
Temp. Control Range	R.T.+5°C~150°C	R.T.+5°C ~150°C	R.T.+5°C ~150°C	R.T. +5°C~150°C
Temp. Setting Range	5°C~150°C	5°C~150°C	5°C~150°C	5°C~150°C
Temp. Stability@40~100°C	±0.5 °C	±0.5°C	±0.5°C	±0.5°C
Temp. Stability@100~150°C	±1 °C	±1°C	±1°C	±1°C
Block Temp. Uniformity@100°C	±0.5 °C	±0.5°C	±0.5°C	±0.5°C



Concentrator
SKU: BCON-102



Concentrator
SKU: BCON-103



Concentrator
SKU: BCON-106



Concentrator
SKU: BCON-109

Concentrator Series 100

Specification	Concentrator SKU: BCON-105
Temp. Control Range	R.T.+5°C~100°C
Temp. Setting Range	5°C~100°C
Temp. Uniformity@60°C	±1 °C
Temp. Display Accuracy	0.1 °C
Time Range	1min~99h59min



Concentrator
SKU: BCON-105

Concentrator Series 100

Specification	Concentrator SKU: BCON-107	Concentrator SKU: BCON-108
Temp. Control Range	R.T.+5°C~150°C	R.T.+5°C~150°C
Temp. Setting Range	5°C~150°C	5°C~150°C
Time Range	1min~99h59m (00:00 is continued)	1min~99h59m (00:00 is continued)
Block temp. Stability@40~100°C	±0.5°C	±0.5°C
Block temp. Stability@>100°C	±1°C	±1°C



Concentrator
SKU: BCON-107



Concentrator
SKU: BCON-108

DOSIMETER

OVERVIEW

Dosimeters monitor ionizing radiation exposure for safety and contamination control. Instruments measure dose rates from micro-sieverts per hour to tens of milli-sieverts and cumulative doses up to thousands of sieverts across energy ranges from roughly 25–40 keV to 7 MeV using sensitive GM or pancake detectors that detect alpha, beta, X-ray and gamma radiation.

Highlights

- Broad dose range
- Multi-radiation detection
- Wide energy spectrum
- GM tube sensors

For Detailed Technical Info & Accessories

Scan to view detailed technical information & accessories, or visit the link below.

CATALOG LINK

https://biolabscientific.com/content/catalogs/3601-Catalog-Biolab.pdf

Dosimeter Series 100

Specification	Dosimeter SKU: BDOS-101
Sensitivity	Sensitive to ALPHA, BETA, X-RAY, GAMMA
Measurement Ranges	Counting rate: 0~500000 CPM, 0~8000 CPS; Radiation dose rate: 0.01~1000 μSv/h
Detector	Pancake GM tube, Φ 45 mm
Energy Ranges of Measurement	25 KeV ~ 7 MeV
Detection Efficiency	Sr-90 (546 keV, 2.3 MeV β max): 75%; Am-241 (5.5 MeV α): 36%



Dosimeter
SKU: BDOS-101

Dosimeter Series 100

Specification	Dosimeter SKU: BDOS-103
- dose equivalent rate (137Cs)	0.01 µSv/h ~ 10 mSv/h
- dose equivalent (137Cs)	0.01 µSv ~ 9999 Sv
Energy Ranges	X and Gamma radiation: 40 KeV ~ 3.0 MeV
Beta Radiation	0.5 ~ 3.0 MeV
Energy Dependence	≤ ±25% (relative to 137Cs)



Dosimeter
SKU: BDOS-103

DRUG DETECTOR

EXPLOSIVE DRUG DETECTOR

OVERVIEW

Portable detectors use ion mobility spectrometry to identify trace explosives and drugs. A 2.8-inch color screen, 2–10 s analysis time and sensitivity to around 100 ng TNT support rapid detection. An open database, rechargeable battery and auto-cleaning ensure convenient field operation.

Highlights

- Ion mobility spectrometry
- Quick 2–10 s tests
- High sensitivity
- Rechargeable portable unit

For Detailed Technical Info & Accessories

Scan to view detailed technical information & accessories, or visit the link below.

CATALOG LINK

https://biolabscientific.com/content/catalogs/3701-Catalog-Biolab.pdf

Explosive Drug Detector Series 100

Specification	Explosive Drug Detector SKU: BDRD-101
Explosives identify	A variety of military, civilian and homemade explosives: Black powder, AN, TNT, PETN, RDX, Trinitro, triazacyclohexane, nitroglycerin, COC, NG, Tetryl, HMX, DNT Aktobe, Te Quer, Tetry, dinitrotoluene (DNT), C4, Semtex etc.
Drugs identify	Cocaine hydrochloride, Heroin hydrochloride, Tetrahydrocannabinol, Methamphetamine, Ketamine hydrochloride (K powder), Morphine hydrochloride; Add new samples if necessary
Detect special explosive (unique)	TATP, HTD
Sampling	Dipstick tracking trace particles, and test strip wipe sampling
Databases	Open to user, can add new type explosive (current database includes 16 types narcotics and 18 types explosives)



Explosive Drug Detector
SKU: BDRD-101

Explosive Drug Detector Series 100

Specification	Explosive Drug Detector SKU: BDRD-201
Explosives identify	A variety of military, civilian and homemade explosives: Black Powder, AN, TNT, DNT, Tetry, PETN, Gun Power, NG, RDX, fireworks, C4 etc.
Narcotic detection (option)	Drug, cocaine, opiates (Heroine and Morphine), cannabis (Marijuana and Hashish), and amphetamine-type stimulants (amphetamine, ecstasy & Methamphetamine)
Sampling	Dipstick tracking trace particles
Databases	Open to user, can add new type explosive
Alarm	Audio and visual alert



Explosive Drug Detector
SKU: BDRD-201

DRUG DETECTOR

HAND-HELD CHEMICAL IDENTIFIER

OVERVIEW

Portable Raman chemical identifiers analyse unknown solids and liquids using 785 nm laser excitation and a spectral range of 200–3900 cm^{-1}. A 6.5-inch touch screen, adjustable laser power and an extensible library allow rapid non-destructive identification of explosives, narcotics and chemical agents.

Highlights

- Portable Raman detection
- Wide spectral range
- Large touch screen
- Customizable library

For Detailed Technical Info & Accessories

Scan to view detailed technical information & accessories, or visit the link below.

CATALOG LINK

https://biolabscientific.com/content/catalogs/3703-Catalog-Biolab.pdf

Hand-Held Chemical Identifier Series 100

Specification	Hand-Held Chemical Identifier SKU: BFQ-601
Overall size	86.7(L)*165(W)*52(H)mm
Spectral range	200-3900cm
Wavelength Resolution	8-10cm
Laser wavelength	785nm
Detector	Back-illuminated high-sensitivity CCD detector



Hand-Held Chemical Identifier

SKU: BFQ-601

DRUG DETECTOR

TRACE DRUG DETECTOR

OVERVIEW

Trace drug detectors are portable devices that detect a broad range of explosives and narcotics using dipstick or wipe sampling. They deliver rapid identification, support database updates for new substances and are designed for security and field inspections.

Highlights

- Explosive and drug detection
- Portable handheld design
- Dipstick/wipe sampling
- Expandable database

For Detailed Technical Info & Accessories

Scan to view detailed technical information & accessories, or visit the link below.

CATALOG LINK

https://biolabscientific.com/content/catalogs/3702-Catalog-Biolab.pdf

Trace Drug Detector Series 100

Specification	Trace Drug Detector SKU: BDRD-202
Explosives identify	A variety of military, civilian and homemade explosives: Black Powder, AN, TNT, DNT, Tetry, PETN, Gun Power, NG, RDX, fireworks, C4 etc.
Narcotic detection (option)	Drug, cocaine, opiates (Heroine and Morphine), cannabis (Marijuana and Hashish), and amphetamine-type stimulants (amphetamine, ecstasy & Methamphetamine)
Sampling	Dipstick tracking trace particles
Databases	Open to user, can add new type explosive
Alarm	Audio and visual alert



Trace Drug Detector
SKU: BDRD-202

Trace Drug Detector Series 100

Specification	Trace Drug Detector SKU: BDRD-203
Explosives identify	A variety of military, civilian and homemade explosives: Black powder, AN, TNT, PETN, RDX, nitroglycerin, Aktobe today, Te Quer, dinitrotoluene (DNT), C4, Semtex etc.
Drugs identify (Option)	Cocaine hydrochloride, Heroin hydrochloride, Tetrahydrocannabinol, Methamphetamine, Ketamine hydrochloride (K powder), Morphine hydrochloride; Add new samples if necessary
Sampling	Dipstick tracking trace particles, and test strip wipe Sampling
Databases	Open to user, can add new type explosive
Alarm	Sound / light



Trace Drug Detector
SKU: BDRD-203

FREEZE DRYER

FLOOR TYPE FREEZE DRYER

OVERVIEW

Floor-type freeze dryers provide efficient vacuum freeze-drying using stainless-steel condensers and transparent chambers. They reach low condenser temperatures (around −50 °C) and vacuum levels below 10 Pa, offering pre-freeze, drying curve display and environmentally friendly refrigeration for laboratory samples.

Highlights

- Vacuum freeze-drying
- Low condenser temperature
- Transparent chamber
- Digital control

For Detailed Technical Info & Accessories

Scan to view detailed technical information & accessories, or visit the link below.

CATALOG LINK

https://biolabscientific.com/content/catalogs/1402-Catalog-Biolab.pdf

Floor Type Freeze Dryer Series 100

TABLE 1 OF 3

Specification	Floor Type Freeze Dryer SKU: BFFT-101-A	Floor Type Freeze Dryer SKU: BFFT-101-B	Floor Type Freeze Dryer SKU: BFFT-102-A	Floor Type Freeze Dryer SKU: BFFT-102-B	Floor Type Freeze Dryer SKU: BFFT-103-B
Capacity	1.2 L	1.2 L	0.7 L	0.7 L	1.2 L
Condenser Temperature	< -50°C	-80°C	-55°C	-80°C	-80°C
Water Holding Capacity	3-4 /24h	3-4 /24h	3-4 /24h	3-4 /24h	3-4 /24h
Freeze Drying Surface Area	0.12 m^2	0.12 m^2	0.08 m^2	0.08 m^2	0.12 m^2
Pre Freeze Shelf Dimension	φ 200 mm	φ 200 mm	Φ 180 mm	Φ 180 mm	Φ 200 mm



Floor Type Freeze Dryer
SKU: BFFT-101-A



Floor Type Freeze Dryer
SKU: BFFT-101-B



Floor Type Freeze Dryer
SKU: BFFT-102-A



Floor Type Freeze Dryer
SKU: BFFT-102-B



Floor Type Freeze Dryer
SKU: BFFT-103-B

Floor Type Freeze Dryer Series 100

TABLE 2 OF 3

Specification	Floor Type Freeze Dryer SKU: BFFT-104-A	Floor Type Freeze Dryer SKU: BFFT-104-B	Floor Type Freeze Dryer SKU: BFFT-201-A	Floor Type Freeze Dryer SKU: BFFT-201-B	Floor Type Freeze Dryer SKU: BFFT-202-A
Capacity	0.7 L	0.7 L	1.8 to 2.7 L	1.8 to 2.7 L	0.9 L
Condenser Temperature	-55°C	-80°C	-55°C	-80°C	-55°C
Water Holding Capacity	3-4 /24h	3-4 /24h	6 /24h	6 /24h	6 /24h
Freeze Drying Surface Area	0.08 m^2	0.08 m^2	0.18-0.27 m^2	0.18-0.27 m^2	0.09 m^2
Pre Freeze Shelf Dimension	Φ 180 mm	Φ 180 mm	Φ 240 mm	Φ 240 mm	Φ 200 mm



Floor Type Freeze Dryer
SKU: BFFT-104-A



Floor Type Freeze Dryer
SKU: BFFT-104-B



Floor Type Freeze Dryer
SKU: BFFT-201-A



Floor Type Freeze Dryer
SKU: BFFT-201-B



Floor Type Freeze Dryer
SKU: BFFT-202-A

Floor Type Freeze Dryer Series 100

TABLE 3 OF 3

Specification	Floor Type Freeze Dryer SKU: BFFT-202-B	Floor Type Freeze Dryer SKU: BFFT-203-A	Floor Type Freeze Dryer SKU: BFFT-203-B	Floor Type Freeze Dryer SKU: BFFT-204-A	Floor Type Freeze Dryer SKU: BFFT-204-B
Capacity	0.9 L	1.8 to 2.7 L	1.8 to 2.7 L	0.9 L	0.9 L
Condenser Temperature	-80°C	-55°C	-80°C	-55°C	-80°C
Water Holding Capacity	6 /24h	6 /24h	6 /24h	6 /24h	6 /24h
Freeze Drying Surface Area	0.09 m^2	0.18-0.27 m^2	0.18-0.27 m^2	0.09 m^2	0.09 m^2
Pre Freeze Shelf Dimension	Φ 200 mm	ϕ 240 mm	ϕ 240 mm	ϕ 200 mm	ϕ 200 mm



Floor Type Freeze Dryer
SKU: BFFT-202-B



Floor Type Freeze Dryer
SKU: BFFT-203-A



Floor Type Freeze Dryer
SKU: BFFT-203-B



Floor Type Freeze Dryer
SKU: BFFT-204-A



Floor Type Freeze Dryer
SKU: BFFT-204-B

Floor Type Freeze Dryer Series 100

Specification	Floor Type Freeze Dryer SKU: BFFT-103-A
Capacity	1.2 L
Water Holding Capacity	3-4 /24h
Freeze Drying Surface Area	0.12 m^2
Pre Freeze Shelf Dimension	Φ 200 mm
Vacuum Degree	< 10 Pa



Floor Type Freeze Dryer
SKU: BFFT-103-A

Floor Type Freeze Dryer Series 100

Specification	Floor Type Freeze Dryer SKU: BFFT-105-A	Floor Type Freeze Dryer SKU: BFFT-105-B	Floor Type Freeze Dryer SKU: BFFT-205-A	Floor Type Freeze Dryer SKU: BFFT-205-B
Condenser Temperature	-55°C	-80°C	-55°C	-80°C
Water Holding Capacity	3-4 /24h	3-4 /24h	6 /24h	6 /24h
Vacuum Degree	< 10 Pa	< 10 Pa	< 10 Pa	< 10 Pa
No of Sealed Valves	24 pieces for 24 ampoules	24 pieces for 24 ampoules	24 pieces for 24 ampoules	24 pieces for 24 ampoules
Overall Dimension (mm)	560x460x(710+430)	660x460x(710+430)	635x540x(970+430)	735x540x(970+430)



Floor Type Freeze Dryer
SKU: BFFT-105-A



Floor Type Freeze Dryer
SKU: BFFT-105-B



Floor Type Freeze Dryer
SKU: BFFT-205-A



Floor Type Freeze Dryer
SKU: BFFT-205-B

Floor Type Freeze Dryer Series 100

TABLE 1 OF 4

Specification	Floor Type Freeze Dryer SKU: BFFT-301-A	Floor Type Freeze Dryer SKU: BFFT-301-B	Floor Type Freeze Dryer SKU: BFFT-301-C	Floor Type Freeze Dryer SKU: BFFT-302-A	Floor Type Freeze Dryer SKU: BFFT-302-B
Condenser Temperature	-110°C	-110°C	-110°C	-110°C	-110°C
Freeze Drying area	0.12 m^2	0.18 m^2	0.24 m^2	0.08 m^2	0.1 m^2
Bulk capacity	1.2 L	1.8 L	2.4 L	0.8 L	1.0 L
Tray	ϕ200mm, 4pcs	ϕ200mm, 6pcs	ϕ200mm, 8pcs	ϕ180mm, 3pcs	ϕ180mm, 4pcs



Floor Type Freeze Dryer
SKU: BFFT-301-A



Floor Type Freeze Dryer
SKU: BFFT-301-B



Floor Type Freeze Dryer
SKU: BFFT-301-C



Floor Type Freeze Dryer
SKU: BFFT-302-A



Floor Type Freeze Dryer
SKU: BFFT-302-B

Floor Type Freeze Dryer Series 100

TABLE 2 OF 4

Specification	Floor Type Freeze Dryer SKU: BFFT-306-A	Floor Type Freeze Dryer SKU: BFFT-306-B	Floor Type Freeze Dryer SKU: BFFT-306-C	Floor Type Freeze Dryer SKU: BFFT-307-A	Floor Type Freeze Dryer SKU: BFFT-307-B
Condenser Temperature	-110°C	-110°C	-110°C	-110°C	-110°C
Freeze Drying area	0.12 m^2	0.18 m^2	0.24 m^2	0.08 m^2	0.1 m^2
Bulk capacity	1.2 L	1.8 L	2.4 L	0.8 L	1.0 L
Tray	ϕ200mm, 4pcs	ϕ200mm, 6pcs	ϕ200mm, 8pcs	ϕ180mm, 3pcs	ϕ180mm, 4pcs



Floor Type Freeze Dryer
SKU: BFFT-306-A



Floor Type Freeze Dryer
SKU: BFFT-306-B



Floor Type Freeze Dryer
SKU: BFFT-306-C



Floor Type Freeze Dryer
SKU: BFFT-307-A



Floor Type Freeze Dryer
SKU: BFFT-307-B

Floor Type Freeze Dryer Series 100

TABLE 3 OF 4

Specification	Floor Type Freeze Dryer SKU: BFFT-310-A	Floor Type Freeze Dryer SKU: BFFT-310-B	Floor Type Freeze Dryer SKU: BFFT-311-A	Floor Type Freeze Dryer SKU: BFFT-311-B	Floor Type Freeze Dryer SKU: BFFT-315-A
Condenser Temperature	-110°C	-110°C	-110°C	-110°C	-110°C
Freeze Drying area	0.18 or 0.27 m^2	0.36 m^2	0.09 m^2	0.12 m^2	0.18 or 0.27 m^2
Bulk capacity	1.8 or 2.7 L	3.6 L	0.9 L	1.2 L	1.8 or 2.7 L
Tray	ϕ240mm, 4 or 6pcs	ϕ240mm, 8pcs	ϕ200mm, 3pcs	ϕ200mm, 4pcs	φ240 mm, 4 or 6 pcs



Floor Type Freeze Dryer
SKU: BFFT-310-A



Floor Type Freeze Dryer
SKU: BFFT-310-B



Floor Type Freeze Dryer
SKU: BFFT-311-A



Floor Type Freeze Dryer
SKU: BFFT-311-B



Floor Type Freeze Dryer
SKU: BFFT-315-A

Floor Type Freeze Dryer Series 100

TABLE 4 OF 4

Specification	Floor Type Freeze Dryer SKU: BFFT-315-B	Floor Type Freeze Dryer SKU: BFFT-316-A	Floor Type Freeze Dryer SKU: BFFT-316-B
Condenser Temperature	-110°C	-110°C	-110°C
Freeze Drying area	0.36 m²	0.09 m²	0.12 m²
Bulk capacity	3.6 L	0.9 L	1.2 L
Tray	φ240 mm, 8 pcs	φ200mm, 3pcs	φ200mm, 4pcs



Floor Type Freeze Dryer
SKU: BFFT-315-B



Floor Type Freeze Dryer
SKU: BFFT-316-A



Floor Type Freeze Dryer
SKU: BFFT-316-B

Floor Type Freeze Dryer Series 100

TABLE 1 OF 4

Specification	Floor Type Freeze Dryer SKU: BFFT-303-A	Floor Type Freeze Dryer SKU: BFFT-303-B	Floor Type Freeze Dryer SKU: BFFT-303-C	Floor Type Freeze Dryer SKU: BFFT-304-A	Floor Type Freeze Dryer SKU: BFFT-304-B
Condenser Temperature	-110°C	-110°C	-110°C	-110°C	-110°C
Freeze Drying area	0.12 m²	0.18 m²	0.24 m²	0.08 m²	0.1 m²
Bulk capacity	1.2 L	1.8 L	2.4 L	0.8 L	1.0 L
Tray	ϕ200mm, 4pcs	ϕ200mm, 6pcs	ϕ200mm, 8pcs	ϕ180mm, 3pcs	ϕ180mm, 4pcs
Round bottom flask	1000ml, 500ml, 250ml	1000ml, 500ml, 250ml, 100ml, 50ml	1000ml, 500ml, 250ml, 100ml, 50ml	1000ml, 500ml, 250ml, 100ml, 50ml	1000ml, 500ml, 250ml, 100ml, 50ml



Floor Type Freeze Dryer
SKU: BFFT-303-A



Floor Type Freeze Dryer
SKU: BFFT-303-B



Floor Type Freeze Dryer
SKU: BFFT-303-C



Floor Type Freeze Dryer
SKU: BFFT-304-A



Floor Type Freeze Dryer
SKU: BFFT-304-B

Floor Type Freeze Dryer Series 100

TABLE 2 OF 4

Specification	Floor Type Freeze Dryer SKU: BFFT-308-A	Floor Type Freeze Dryer SKU: BFFT-308-B	Floor Type Freeze Dryer SKU: BFFT-308-C	Floor Type Freeze Dryer SKU: BFFT-309-A	Floor Type Freeze Dryer SKU: BFFT-309-B
Condenser Temperature	-110°C	-110°C	-110°C	-110°C	-110°C
Freeze Drying area	0.12 m^2	0.18 m^2	0.24 m^2	0.08 m^2	0.1 m^2
Bulk capacity	1.2 L	1.8 L	2.4 L	0.8 L	1.0 L
Tray	ϕ200mm, 4pcs	ϕ200mm, 6pcs	ϕ200mm, 8pcs	ϕ180mm, 3pcs	ϕ180mm, 4pcs
Round bottom flask	1000ml, 500ml, 250ml, 100ml, 50ml	1000ml, 500ml, 250ml, 100ml, 50ml	1000ml, 500ml, 250ml, 100ml, 50ml	1000ml, 500ml, 250ml, 100ml, 50ml	1000ml, 500ml, 250ml, 100ml, 50ml



Floor Type Freeze Dryer
SKU: BFFT-308-A



Floor Type Freeze Dryer
SKU: BFFT-308-B



Floor Type Freeze Dryer
SKU: BFFT-308-C



Floor Type Freeze Dryer
SKU: BFFT-309-A



Floor Type Freeze Dryer
SKU: BFFT-309-B

Floor Type Freeze Dryer Series 100

TABLE 3 OF 4

Specification	Floor Type Freeze Dryer SKU: BFFT-312-A	Floor Type Freeze Dryer SKU: BFFT-312-B	Floor Type Freeze Dryer SKU: BFFT-313-A	Floor Type Freeze Dryer SKU: BFFT-313-B	Floor Type Freeze Dryer SKU: BFFT-317-A
Condenser Temperature	-110°C	-110°C	-110°C	-110°C	-110°C
Freeze Drying area	0.18 or 0.27 m^2	0.36 m^2	0.09 m^2	0.12 m^2	0.18 or 0.27 m^2
Bulk capacity	1.8 or 2.7 L	3.6 L	0.9 L	1.2 L	1.8 or 2.7 L
Tray	ϕ240mm, 4 or 6pcs	φ240mm, 8pcs	φ200mm, 3pcs	φ200mm, 4pcs	φ240mm, 4 or 6 pcs
Round bottom flask	1000ml,500ml,250ml, 100ml,50ml	1000ml,500ml,250ml, 100ml,50ml	1000ml,500ml,250ml, 100ml,50ml	1000ml,500ml,250ml, 100ml,50ml	1000 ml, 500 ml, 250 ml, 100 ml, 50 ml



Floor Type Freeze Dryer
SKU: BFFT-312-A



Floor Type Freeze Dryer
SKU: BFFT-312-B



Floor Type Freeze Dryer
SKU: BFFT-313-A



Floor Type Freeze Dryer
SKU: BFFT-313-B



Floor Type Freeze Dryer
SKU: BFFT-317-A

Floor Type Freeze Dryer Series 100

TABLE 4 OF 4

Specification	Floor Type Freeze Dryer SKU: BFFT-317-B	Floor Type Freeze Dryer SKU: BFFT-318-A	Floor Type Freeze Dryer SKU: BFFT-318-B
Condenser Temperature	-110°C	-110 °C	-110 °C
Freeze Drying area	0.36 m²	0.09 m²	0.12 m²
Bulk capacity	3.6 L	0.9 L	1.2 L
Tray	φ240mm, 8pcs	φ200 mm, 3 pcs	φ200 mm, 4 pcs
Round bottom flask	1000ml, 500ml, 250ml, 100ml, 50ml	1000 ml, 500 ml, 250 ml, 100 ml, 50 ml	1000 ml, 500 ml, 250 ml, 100 ml, 50 ml



Floor Type Freeze Dryer
SKU: BFFT-317-B



Floor Type Freeze Dryer
SKU: BFFT-318-A



Floor Type Freeze Dryer
SKU: BFFT-318-B

Floor Type Freeze Dryer Series 100

Specification	Floor Type Freeze Dryer SKU: BFFT-314
Condenser Temperature	-110°C



Floor Type Freeze Dryer
SKU: BFFT-314

Floor Type Freeze Dryer Series 200

Specification	Floor Type Freeze Dryer SKU: BFFT-401	Floor Type Freeze Dryer SKU: BFFT-402
Drying area (M2)	0.4m²	0.8m²
Tray size (mm)	220x550	265x612
Tray no.s	4	5
Capacity	5~7kg	8~12kg
Trays distance	41mm	41mm



Floor Type Freeze Dryer
SKU: BFFT-401



Floor Type Freeze Dryer
SKU: BFFT-402

FREEZE DRYER

HOME FREEZE DRYERS

OVERVIEW

Home freeze dryers are compact units for small-batch freeze-drying. They offer freeze-drying areas around 0.43–0.81 m², cold trap temperatures near –55 °C, low limiting vacuum levels and shelf sizes to accommodate different sample volumes.

Highlights

- Compact freeze-drying
- Low-temperature cold trap
- Low vacuum pressure
- Adjustable shelf area

For Detailed Technical Info & Accessories

Scan to view detailed technical information & accessories, or visit the link below.

CATALOG LINK

https://biolabscientific.com/content/catalogs/1405-Catalog-Biolab.pdf

Home Freeze Dryers Series 100

Specification	Home Freeze Dryers SKU: BFH-801	Home Freeze Dryers SKU: BFH-802
Freeze-dried area	0.43m²	0.81m²
Cold trap temperature	-55°C	-55°C
Limiting vacuum	0.01mbar	0.01mbar
Shelf size	208x420mm	260x420mm
Max number of shelves	5	7



Home Freeze Dryers
SKU: BFH-801



Home Freeze Dryers
SKU: BFH-802

FREEZE DRYER

LABORATORY BENCHTOP FREEZE DRYER

OVERVIEW

Benchtop freeze dryers provide condenser temperatures around −55 to −60 °C and ice-condenser capacities of approximately 3–4 L per 24 hours. They operate under deep vacuum (<1 Pa), offering 0.08–0.12 m² drying area and multiple ports for flasks or vials in a compact footprint.

Highlights

- −55 to −60 °C condenser
- 3–4 L ice capacity
- Vacuum <1 Pa
- Multiple drying ports

For Detailed Technical Info & Accessories

Scan to view detailed technical information & accessories, or visit the link below.

CATALOG LINK

https://biolabscientific.com/content/catalogs/1401-Catalog-Biolab.pdf

Laboratory Benchtop Freeze Dryer Series 100

Specification	Laboratory Benchtop Freeze Dryer SKU: BEA-3301
Minimum Condenser Temperature	-80°C
Freeze-drying area	0.09 m²
Condenser ice capture	6 kg/24h, Max 8kg
Bulk Capacity	0.9L (10mm thickness)
Tray	φ200mm, 3 layers, stainless steel 304



Laboratory Benchtop Freeze Dryer
SKU: BEA-3301

Laboratory Benchtop Freeze Dryer Series 100

TABLE 1 OF 2

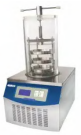
Specification	Laboratory Benchtop Freeze Dryer SKU: BFBT-101-A	Laboratory Benchtop Freeze Dryer SKU: BFBT-101-B	Laboratory Benchtop Freeze Dryer SKU: BFBT-102-A	Laboratory Benchtop Freeze Dryer SKU: BFBT-102-B	Laboratory Benchtop Freeze Dryer SKU: BFBT-103-A
Capacity	1.2 L	1.2 L	1.2 L	1.2 L	1.2 L
Condenser Temperature	-55°C	-80°C	-55°C	-80°C	-55°C
Water Holding Capacity	3-4 /24h	3-4 /24h	3-4 /24h	3-4 /24h	3-4 /24h
Freeze Drying Surface Area	0.12 m^2	0.12 m^2	0.08 m^2	0.08 m^2	0.12 m^2
Pre Freeze Shelf Dimension	φ 200 mm	φ 200 mm	φ 180 mm	φ 180 mm	φ 200 mm



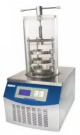
Laboratory Benchtop Freeze Dryer
SKU: BFBT-101-A



Laboratory Benchtop Freeze Dryer
SKU: BFBT-101-B



Laboratory Benchtop Freeze Dryer
SKU: BFBT-102-A



Laboratory Benchtop Freeze Dryer
SKU: BFBT-102-B



Laboratory Benchtop Freeze Dryer
SKU: BFBT-103-A

Laboratory Benchtop Freeze Dryer Series 100

TABLE 2 OF 2

Specification	Laboratory Benchtop Freeze Dryer SKU: BFBT-103-B	Laboratory Benchtop Freeze Dryer SKU: BFBT-104-A	Laboratory Benchtop Freeze Dryer SKU: BFBT-104-B
Capacity	1.2 L	1.2 L	1.2 L
Condenser Temperature	-80°C	-50°C	-80°C
Water Holding Capacity	3-4 /24h	3-4 /24h	3-4 /24h
Freeze Drying Surface Area	0.12 m^2	0.08 m^2	0.08 m^2
Pre Freeze Shelf Dimension	φ 200 mm	φ 180 mm	φ 180 mm



Laboratory Benchtop Freeze Dryer
SKU: BFBT-103-B



Laboratory Benchtop Freeze Dryer
SKU: BFBT-104-A



Laboratory Benchtop Freeze Dryer
SKU: BFBT-104-B

Laboratory Benchtop Freeze Dryer Series 100

Specification	Laboratory Benchtop Freeze Dryer SKU: BFBT-105-A	Laboratory Benchtop Freeze Dryer SKU: BFBT-105-B
Condenser Temperature	-55°C	-80°C
Water Holding Capacity	3-4 /24h	3-4 /24h
Vacuum Degree	< 10 Pa	< 10 Pa
Pump Flow Rate	2 L/sec	2 L/sec
No of Sealed Valves	24 pieces for 24 ampoules	24 pieces for 24 ampoules



Laboratory Benchtop Freeze Dryer
SKU: BFBT-105-A



Laboratory Benchtop Freeze Dryer
SKU: BFBT-105-B

Laboratory Benchtop Freeze Dryer Series 200

Specification	Laboratory Benchtop Freeze Dryer SKU: BFH-101	Laboratory Benchtop Freeze Dryer SKU: BFH-102	Laboratory Benchtop Freeze Dryer SKU: BFH-103
Ice condenser capacity	3 kg	6 kg	6 kg
Ice condenser temperature	-70°C	-70°C	-70°C
Cold trap volume	5L	10L	10L
Freeze dried chamber	Bell shape (standard configuration)/Multi manifold type/T-shaped frame type	Bell shape (standard configuration)/Multi manifold type/T-shaped frame type	Bell shape (standard configuration)/Multi manifold type/T-shaped frame type
sample shelf	Φ200mm,Single layer area 0.03m'with 3-5 layers available	Φ260mm,Single layer area 0.055m'. 3-10 layers/optionale Electric heating/manual capping/optional	Φ260mm,Single layer area 0.055m'. 3-10 layers/optionale Electric heating/manual capping/optional



Laboratory Benchtop Freeze Dryer
SKU: BFH-101



Laboratory Benchtop Freeze Dryer
SKU: BFH-102



Laboratory Benchtop Freeze Dryer
SKU: BFH-103

Laboratory Benchtop Freeze Dryer Series 200

Specification	Laboratory Benchtop Freeze Dryer SKU: BFH-201	Laboratory Benchtop Freeze Dryer SKU: BFH-202	Laboratory Benchtop Freeze Dryer SKU: BFH-203	Laboratory Benchtop Freeze Dryer SKU: BFH-204
Ice condenser capacity	9 kg	9 kg	12 kg	12 kg
Ice condenser temperature	-70°C	-90°C	-70°C	-90°C
Cold trap volume	15 L	15 L	20 L	20 L
Freeze dried chamber	Bell shape (standard configuration)/Multi manifold type/T-shaped frame type	Bell shape (standard configuration)/Multi manifold type/T-shaped frame type	Bell shape (standard configuration)/Multi manifold type/T-shaped frame type	Bell shape (standard configuration)/Multi manifold type/T-shaped frame type
Sample shelf	Φ260mm,Single layer area 0.055m*. 3-10 layers/optionalElectric heating/manual capping/optional	Φ260mm,Single layer area 0.055m*. 3-10 layers/optionalElectric heating/manual capping/optional	Φ260mm,Single layer area 0.055m*. 3-10 layers/optionalElectric heating/manual capping/optional	Φ260mm,Single layer area 0.055m*. 3-10 layers/optionalElectric heating/manual capping/optional



Laboratory Benchtop Freeze Dryer
SKU: BFH-201



Laboratory Benchtop Freeze Dryer
SKU: BFH-202



Laboratory Benchtop Freeze Dryer
SKU: BFH-203



Laboratory Benchtop Freeze Dryer
SKU: BFH-204

Laboratory Benchtop Freeze Dryer Series 300

Specification	Laboratory Benchtop Freeze Dryer SKU: BFBT-211	Laboratory Benchtop Freeze Dryer SKU: BFBT-212	Laboratory Benchtop Freeze Dryer SKU: BFBT-213	Laboratory Benchtop Freeze Dryer SKU: BFBT-214	Laboratory Benchtop Freeze Dryer SKU: BFBT-215
condenser temperature	-60°C	-60°C	-60°C	-60°C	-60°C
Ice condenser capacity	3L/24h	3L/24h	3L/24h	3L/24h	3L/24h
Dimension(mm)	393*479*451 (without chamber)	393*479*451 (without chamber)	393*479*451 (without chamber)	393*479*451 (without chamber)	393*479*451 (without chamber)
Vacuum pressure(0)Pa	< 1Pa (standard < 5Pa)	< 1Pa (standard < 5Pa)	< 1Pa (standard < 5Pa)	< 1Pa (standard < 5Pa)	< 1Pa (standard < 5Pa)
vacuum pump	2XZ-2 (2L/S)	2XZ-2 (2L/S)	2XZ-2 (2L/S)	2XZ-2 (2L/S)	2XZ-2 (2L/S)



Laboratory Benchtop Freeze Dryer
SKU: BFBT-211



Laboratory Benchtop Freeze Dryer
SKU: BFBT-212



Laboratory Benchtop Freeze Dryer
SKU: BFBT-213



Laboratory Benchtop Freeze Dryer
SKU: BFBT-214



Laboratory Benchtop Freeze Dryer
SKU: BFBT-215

Laboratory Benchtop Freeze Dryer Series 300

TABLE 1 OF 2

Specification	Laboratory Benchtop Freeze Dryer SKU: BFFT-412	Laboratory Benchtop Freeze Dryer SKU: BFFT-413	Laboratory Benchtop Freeze Dryer SKU: BFFT-414	Laboratory Benchtop Freeze Dryer SKU: BFFT-415	Laboratory Benchtop Freeze Dryer SKU: BFFT-416
condenser temperature	-60°C	-60°C	-60°C	-60°C	-60°C
Ice condenser capacity	4L/24h	4L/24h	4L/24h	4L/24h	4L/24h
Dimension(mm)	392*557*683 (without chamber)	392*557*683 (without chamber)	392*557*683 (without chamber)	392*557*683 (without chamber)	392*557*683 (without chamber)
vacuum pump	2XZ-2 (2L/S)	2XZ-2 (2L/S)	2XZ-2 (2L/S)	2XZ-2 (2L/S)	2XZ-2 (2L/S)
*optional vacuum pump	DRV-10 (10^3/h)	DRV-10 (10^3/h)	DRV-10 (10^3/h)	DRV-10 (10^3/h)	DRV-10 (10^3/h)



Laboratory Benchtop Freeze Dryer
SKU: BFFT-412



Laboratory Benchtop Freeze Dryer
SKU: BFFT-413



Laboratory Benchtop Freeze Dryer
SKU: BFFT-414



Laboratory Benchtop Freeze Dryer
SKU: BFFT-415



Laboratory Benchtop Freeze Dryer
SKU: BFFT-416

Laboratory Benchtop Freeze Dryer Series 300

TABLE 2 OF 2

Specification	Laboratory Benchtop Freeze Dryer SKU: BFFT-417	Laboratory Benchtop Freeze Dryer SKU: BFFT-418	Laboratory Benchtop Freeze Dryer SKU: BFFT-419	Laboratory Benchtop Freeze Dryer SKU: BFFT-420	Laboratory Benchtop Freeze Dryer SKU: BFFT-421
condenser temperature	-60°C	-60°C	-60°C	-60°C	-60°C
Ice condenser capacity	6L/24h	6L/24h	6L/24h	6L/24h	6L/24h
Dimension(mm)	518*860*707 (without chamber)	518*860*707 (without chamber)	518*860*707 (without chamber)	518*860*707 (without chamber)	518*860*707 (without chamber)
vacuum pump	2XZ-4 (4L/S)	2XZ-4 (4L/S)	2XZ-4 (4L/S)	2XZ-4 (4L/S)	2XZ-4 (4L/S)
*optional vacuum pump	DRV-10 (10^3/h), low noisy and better performance	DRV-10 (10^3/h), low noisy and better performance	DRV-10 (10^3/h), low noisy and better performance	DRV-10 (10^3/h), low noisy and better performance	DRV-10 (10^3/h), low noisy and better performance



Laboratory Benchtop Freeze Dryer
SKU: BFFT-417



Laboratory Benchtop Freeze Dryer
SKU: BFFT-418



Laboratory Benchtop Freeze Dryer
SKU: BFFT-419



Laboratory Benchtop Freeze Dryer
SKU: BFFT-420



Laboratory Benchtop Freeze Dryer
SKU: BFFT-421

FREEZE DRYER

PILOT-SCALE FREEZE DRYER

OVERVIEW

Pilot-scale freeze dryers offer stainless-steel chambers and shelves with shelf sizes around 300×400 mm and adjustable shelf temperatures (e.g., −50 °C to 60 °C or −60 °C to 80 °C). Models provide varying numbers of shelves and ice condenser capacities from 4 kg to 18 kg.

Highlights

- Stainless-steel construction
- Adjustable shelf temperature
- Multiple shelf configurations
- High ice condenser capacity

For Detailed Technical Info & Accessories

Scan to view detailed technical information & accessories, or visit the link below.

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https://biolabscientific.com/content/catalogs/1404-Catalog-Biolab.pdf

Pilot-scale Freeze Dryer Series 100

Specification	Pilot-scale Freeze Dryer SKU: BFH-301	Pilot-scale Freeze Dryer SKU: BFH-302	Pilot-scale Freeze Dryer SKU: BFH-303	Pilot-scale Freeze Dryer SKU: BFH-304
Freeze-dried area	0.256 m^2	0.512 m^2	1.008 m^2	1.512 m^2
Ice condenser capacity	4kg	9kg	12kg	18kg
Shelf temperature	-60°C~+80°C	-60°C~+80°C	-60°C~+80°C	-60°C~+70°C
Ice condenser temperature	-86°C	-86°C	-86°C	-86°C
Cold trap volume	9L	15L	18L	30L



Pilot-scale Freeze Dryer
SKU: BFH-301



Pilot-scale Freeze Dryer
SKU: BFH-302



Pilot-scale Freeze Dryer
SKU: BFH-303



Pilot-scale Freeze Dryer
SKU: BFH-304

Pilot-scale Freeze Dryer Series 200

Specification	Pilot-scale Freeze Dryer SKU: BFFT-403	Pilot-scale Freeze Dryer SKU: BFFT-405	Pilot-scale Freeze Dryer SKU: BFFT-406
-Shelf size (mm)	300 x 400	300 x 400 (Top stopper type 250 x 450)	300 x 400 (Top stopper type 250 x 450)
-No. of Shelves	1	2 + 1	3 + 1
-Shelf Temperature Control (°C)	-50 °C to 60 °C	-50 °C to 60 °C	-50 °C to 60 °C
-Lowest Shelf temperature (50/60 Hz, °C)	≤ -50 °C	≤ -50 °C	≤ -50 °C
-Temperature Control Accuracy	±0.5 °C	±0.5 °C	±0.5 °C



Pilot-scale Freeze Dryer
SKU: BFFT-403



Pilot-scale Freeze Dryer
SKU: BFFT-405



Pilot-scale Freeze Dryer
SKU: BFFT-406

Pilot-scale Freeze Dryer Series 200

Specification	Pilot-scale Freeze Dryer SKU: BFFT-408	Pilot-scale Freeze Dryer SKU: BFFT-409
Chamber	AISI 304L /316L	AISI 304L /316L
Shelves	AISI 304L /316L	AISI 304L /316L
Shelf Size	300 x 400	300 x 400
Chamber Door	Acrylic or stainless door	Acrylic or stainless door
Product sensors	Pt-100	Pt-100



Pilot-scale Freeze Dryer
SKU: BFFT-408



Pilot-scale Freeze Dryer
SKU: BFFT-409

Pilot-scale Freeze Dryer Series 200

Specification	Pilot-scale Freeze Dryer SKU: BFR-1101
Chamber	AISI 304L /316L
Shelves	AISI 304L /316L
Shelf Size	350 x 400
Chamber Door	Acrylic or stainless door
Door lock system with safe bolt	1set



Pilot-scale Freeze Dryer
SKU: BFR-1101

FUME HOOD

COMPOUNDING HOOD

OVERVIEW

Compounding hoods provide controlled airflow and containment for pharmacy preparation. Compact units offer LED or LCD displays, internal dimensions from 480×340×370 mm to 1140×550×700 mm and airflow velocities adjustable between 0.3 and 0.8 m/s.

Highlights

- Controlled airflow 0.3–0.8 m/s
- LED or LCD display
- Compact interior sizes
- Safe compounding environment

For Detailed Technical Info & Accessories

Scan to view detailed technical information & accessories, or visit the link below.

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https://biolabscientific.com/content/catalogs/5507-Catalog-Biolab.pdf

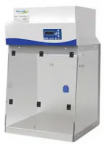
Compounding Hood Series 100

TABLE 1 OF 2

Specification	Compounding Hood SKU: BCHL-401	Compounding Hood SKU: BCHL-402	Compounding Hood SKU: BCHL-403	Compounding Hood SKU: BCHL-404	Compounding Hood SKU: BCHL-405
External Size (W*D*H)mm	600*580*1060mm	600*580*1060mm	700*620*1150mm	700*620*1150mm	1000*620*1150mm
Internal Size (W*D*H)	580*520*610mm	580*520*610mm	640*550*700mm	640*550*700mm	940*550*700mm
Display	LCD Display	LCD Display	LED Display	LED Display	LED Display
Airflow Velocity	0.3~0.5m/s	0.3~0.8m/s	0.3~0.5m/s	0.3~0.8m/s	0.3~0.8m/s
Material Main body	Cold-steerl owithl alnti-ebacdter ia powder coating	Cold-steerl owithl alnti-ebacdter ia powder coating	Cold-steerl owithl alnti-ebacdter ia powder coating	Cold-steerl owithl alnti-ebacdter ia powder coating	Cold-steerl owithl alnti-ebacdter ia powder coating



Compounding Hood
SKU: BCHL-401



Compounding Hood
SKU: BCHL-402



Compounding Hood
SKU: BCHL-403



Compounding Hood
SKU: BCHL-404



Compounding Hood
SKU: BCHL-405

Compounding Hood Series 100

TABLE 2 OF 2

Specification	Compounding Hood SKU: BCHL-406	Compounding Hood SKU: BLDK-103	Compounding Hood SKU: BLDK-104
External Size (W*D*H)mm	1200*620*1150mm	560*460*700mm	560*460*700mm
Internal Size (W*D*H)	1140*550*700mm	480*340*370mm	480*340*370mm
Display	LED Display	LED Display	LED Display
Airflow Velocity	0.3~0.8m/s	0.3~0.5m/s	≥0.5m/s
Material Main body	Cold-steerl owithl alnti-ebacdter ia powder coating	Cold-steerl owithl alnti-ebacdter ia powder coating	Cold-steerl owithl alnti-ebacdter ia powder coating



Compounding Hood
SKU: BCHL-406



Compounding Hood
SKU: BLDK-103



Compounding Hood
SKU: BLDK-104

FUME HOOD

DUCTED FUME HOOD

OVERVIEW

Ducted fume hoods provide negative-pressure airflow to safely extract chemical vapors through external ducting. Microprocessor control with LED display and memory ensures stable operation, while a foldable sash, built-in centrifugal blower and chemical-resistant work surface support secure, ergonomic handling.

Highlights

- Negative-pressure airflow
- Microprocessor control
- Built-in blower
- Foldable sash

For Detailed Technical Info & Accessories

Scan to view detailed technical information & accessories, or visit the link below.

CATALOG LINK

https://biolabscientific.com/content/catalogs/5503-Catalog-Biolab.pdf

Ducted Fume hood Series 100

Specification	Ducted Fume hood SKU: BFSD-201	Ducted Fume hood SKU: BFSD-202	Ducted Fume hood SKU: BFSD-203	Ducted Fume hood SKU: BFSD-204
External Size (W*D*H)	1040*800*2200mm	1240*800*2200mm	1540*800*2200mm	1840*800*2200mm
Internal Size (W*D*H)	820*670*730mm	1020*670*730mm	1320*670*730mm	1620*670*730mm
Work Surface Height	850mm	850mm	850mm	850mm
Max Opening	520mm	520mm	520mm	520mm
Air Velocity	0.3~0.8m/s.	0.3~0.8m/s.	0.3~0.8m/s.	0.3~0.8m/s.



Ducted Fume hood
SKU: BFSD-201



Ducted Fume hood
SKU: BFSD-202



Ducted Fume hood
SKU: BFSD-203



Ducted Fume hood
SKU: BFSD-204

Ducted Fume hood Series 100

Specification	Ducted Fume hood SKU: BFSD-301	Ducted Fume hood SKU: BFSD-302	Ducted Fume hood SKU: BFSD-303	Ducted Fume hood SKU: BFSD-304
External Size(W*D*H)	1000*800*2515mm	1200*800*2515mm	1500*800*2515mm	1800*800*2515mm
Internal Size(W*D*H)	790*600*870mm	990 *600*870mm	1290*600*870mm	1590*600*870mm
Work Surface Height	900mm	900mm	900mm	900mm
Max Opening	750mm	750mm	750mm	750mm
Air Velocity	0.3~0.8m/s	0.3~0.8m/s	0.3~0.8m/s	0.3~0.8m/s



Ducted Fume hood
SKU: BFSD-301



Ducted Fume hood
SKU: BFSD-302



Ducted Fume hood
SKU: BFSD-303



Ducted Fume hood
SKU: BFSD-304

Ducted Fume hood Series 100

Specification	Ducted Fume hood SKU: BFSD-401	Ducted Fume hood SKU: BFSD-402	Ducted Fume hood SKU: BFSD-403	Ducted Fume hood SKU: BFSD-404
External Size (W*D*H)	1047*800*2450mm	1247*800*2450mm	1547*800*2450mm	1847*800*2450 mm
Internal Size (W*D*H)	787*560*700mm	987*560*700mm	1287*560*700mm	1587*560*700 mm
'Work Surface Height	820mm	820mm	820mm	820mm
Max Opening	740mm	740mm	740mm	740mm
Air Velocity	0.3~0.8m/s	0.3~0.8m/s	0.3~0.8m/s	0.3~0.8m/s



Ducted Fume hood
SKU: BFSD-401



Ducted Fume hood
SKU: BFSD-402



Ducted Fume hood
SKU: BFSD-403



Ducted Fume hood
SKU: BFSD-404

Ducted Fume hood Series 100

Specification	Ducted Fume hood SKU: BFSD-601
External Size(W*D*H)	700*620*1150mm
Internal Size(W*D*H)	640*550*700mm
Max Opening	660mm
Air Velocity	0.3~0.8m/s
Noise	≤65dB



Ducted Fume hood
SKU: BFSD-601

FUME HOOD

DUCTLESS FUME HOOD

OVERVIEW

Ductless fume hoods recirculate air through activated carbon filters to protect users from vapors without external exhaust. Corrosion-resistant polypropylene construction, an ergonomic foldable sash and electronic controls with overload protection and memory offer safe, energy-efficient operation.

Highlights

- Recirculating filtration
- Corrosion-resistant PP
- Electronic controls
- Foldable sash

For Detailed Technical Info & Accessories

Scan to view detailed technical information & accessories, or visit the link below.

CATALOG LINK

https://biolabscientific.com/content/catalogs/5502-Catalog-Biolab.pdf

Ductless Fume Hood Series 100

Specification	Ductless Fume Hood SKU: BDL-4201	Ductless Fume Hood SKU: BDL-4301
External Size	700*700*1100mm	1000*700*1100mm
Internal Size	680*606*688mm	980*606*688mm
Max Opening	640mm	640mm
Airflow Volume	230 m^3h	230 m^3h
Air Velocity	0.3~0.8m/s	0.3~0.8m/s



Ductless Fume Hood
SKU: BDL-4201



Ductless Fume Hood
SKU: BDL-4301

Ductless Fume Hood Series 100

Specification	Ductless Fume Hood SKU: BDL-4801
External Size(W*D*H)	1230*830*2120mm
Instrument Size(W*D*H)	1110*740*700mm
Work Surface Height	880mm
Max Opening	650mm
Air Velocity	0.25~0.35m/s.



Ductless Fume Hood
SKU: BDL-4801

Ductless Fume Hood Series 100

Specification	Ductless Fume Hood SKU: BFSD-205	Ductless Fume Hood SKU: BFSD-206	Ductless Fume Hood SKU: BFSD-207	Ductless Fume Hood SKU: BFSD-208
External Size (W*D*H)	1000*840*2150mm	1200*840*2150mm	1500*840*2150mm	1800*840*2150mm
Internal Size (W*D*H)	880''730*745mm	1080*730*745mm	1380*730*745mm	1680*730*745mm
Max Opening	520mm	520mm	520mm	520mm
Work Surface Height	750mm	750mm	750mm	750mm
Blower	Built-in centrifugal blower; Speed adjustable with 9 levels	Built-in centrifugal blower; Speed adjustable with 9 levels	Built-in centrifugal blower; Speed adjustable with 9 levels	Built-in centrifugal blower; Speed adjustable with 9 levels



Ductless Fume Hood
SKU: BFSD-205



Ductless Fume Hood
SKU: BFSD-206



Ductless Fume Hood
SKU: BFSD-207



Ductless Fume Hood
SKU: BFSD-208

Ductless Fume Hood Series 100

Specification	Ductless Fume Hood SKU: BFSD-501	Ductless Fume Hood SKU: BFSD-502	Ductless Fume Hood SKU: BFSD-503	Ductless Fume Hood SKU: BFSD-504
External Size (W*D*H)	1000*830*2140mm	1200*830*2140mm	1500*940*2140mm	1800%940*2140mm
Internal Size (W*D*H)	910*690*740mm	1110*690*740mm	1410*690*740mm	1710*690*740mm
Work Surface Height	900mm	900mm	900mm	900mm
Max. Opening	650mm	650mm	650mm	650mm
Air Velocity	0.4~0.6m/s	0.4~0.6m/s	0.4~0.6m/s	0.4~0.6m/s



Ductless Fume Hood
SKU: BFSD-501



Ductless Fume Hood
SKU: BFSD-502



Ductless Fume Hood
SKU: BFSD-503



Ductless Fume Hood
SKU: BFSD-504

FUME HOOD

FFU (FAN FILTER UNIT)

OVERVIEW

FFU units provide localized laminar airflow by combining a built-in centrifugal fan with a high-efficiency HEPA filter. Microprocessor control delivers energy-efficient, low-noise operation, while the modular aluminium-zinc construction and split filter design enable easy installation, replacement and integration into cleanroom ceilings or workstations.

Highlights

- Laminar airflow unit
- Microprocessor control
- Easy filter replacement
- Low-noise operation

For Detailed Technical Info & Accessories

Scan to view detailed technical information & accessories, or visit the link below.

CATALOG LINK

https://biolabscientific.com/content/catalogs/5506-Catalog-Biolab.pdf

FFU (Fan Filter Unit) Series 100

Specification	FFU (Fan Filter Unit) SKU: BFSD-901	FFU (Fan Filter Unit) SKU: BFSD-902	FFU (Fan Filter Unit) SKU: BFSD-903	FFU (Fan Filter Unit) SKU: BFSD-904
External Size(W*D*H)	975*575*380mm	1175*575*380 mm	1475*575*380 mm	1775*575*380 mm
Air Velocity	0.45m/s±20%	0.45m/s±20%	0.45m/s±20%	0.45m/s±20%
HEPA Filter	99.999% efficiency at 0.3μm	99.999% efficiency at 0.3μm	99.999% efficiency at 0.3μm	99.999% efficiency at 0.3μm
HEPA Filter Size(W*D*H)	970*69*570mm	1170*69*570mm	1470*69*570mm	1770*69*570mm
Blower	Built-in centrifugal blower	Built-in centrifugal blower	Built-in centrifugal blower	Built-in centrifugal blower



FFU (Fan Filter Unit)
SKU: BFSD-901



FFU (Fan Filter Unit)
SKU: BFSD-902



FFU (Fan Filter Unit)
SKU: BFSD-903



FFU (Fan Filter Unit)
SKU: BFSD-904

FUME HOOD

MOBILE FUME EXTRACTOR

OVERVIEW

Mobile fume extractors deliver localized clean air with a vertical laminar flow. They combine an integrated fan, primary and high-efficiency filters and activated carbon to achieve HEPA-level filtration, providing 99.999 % particle removal at 0.3 µm while remaining portable and easy to operate.

Highlights

- Vertical laminar flow
- Integrated multi-stage filters
- HEPA-level efficiency
- Portable design

For Detailed Technical Info & Accessories

Scan to view detailed technical information & accessories, or visit the link below.

CATALOG LINK

https://biolabscientific.com/content/catalogs/5504-Catalog-Biolab.pdf

Mobile Fume Extractor Series 100

Specification	Mobile Fume Extractor SKU: BFSD-701
External Size(W*D*H)	500*500*980mm
Air Velocity	0.3~0.5m/s.
Filter Efficiency	99.995% efficiency at 0.3 µm
Noise	≤75dB(A)
Suction Inlet Diameter	375mm



Mobile Fume Extractor
SKU: BFSD-701

FUME HOOD

WALK IN FUME HOOD

OVERVIEW

Walk-in fume hoods provide spacious ventilated enclosures for handling large equipment and chemicals. Models for single or multiple users deliver exhaust volumes from around 1150 to 2300 m³/h, with rated power 95–125 W and standard 220 V supply to maintain safe airflow.

Highlights

- High exhaust capacity
- Single or multi-user
- Low power consumption
- Large working space

For Detailed Technical Info & Accessories

Scan to view detailed technical information & accessories, or visit the link below.

CATALOG LINK

https://biolabscientific.com/content/catalogs/5505-Catalog-Biolab.pdf

Walk in fume hood Series 100

TABLE 1 OF 2

Specification	Walk in fume hood SKU: BDL-4901	Walk in fume hood SKU: BDL-5001	Walk in fume hood SKU: BDL-5002	Walk in fume hood SKU: BDL-5003	Walk in fume hood SKU: BDL-5004
Number of Users	Single	Single	Single	1- 2	1- 2
Rated Power	95W (Not including socket load power, load power cannot exceed 500W)	125W (Not including socket load power, load power cannot exceed 500W)	125W (Not including socket load power, load power cannot exceed 500W)	125W (Not including socket load power, load power cannot exceed 500W)	125W (Not including socket load power, load power cannot exceed 500W)
Power Supply	220V±10%, 50Hz(Standard); 110V±10%, 60Hz(Optional)	220V±10%, 50Hz(Standard); 110V±10%, 60Hz(Optional)	220V±10%, 50Hz(Standard); 110V±10%, 60Hz(Optional)	220V±10%, 50Hz(Standard); 110V±10%, 60Hz(Optional)	220V±10%, 50Hz(Standard); 110V±10%, 60Hz(Optional)
Exhaust Volume	1225m³/h	1850m³/h	1850m³/h	1850m³/h	1850m³/h
Air Velocity	0.3m/s~0.8 m/s	0.3m/s~0.8 m/s	0.3m/s~0.8 m/s	0.3m/s~0.8 m/s	0.3m/s~0.8 m/s



Walk in fume hood
SKU: BDL-4901



Walk in fume hood
SKU: BDL-5001



Walk in fume hood
SKU: BDL-5002



Walk in fume hood
SKU: BDL-5003



Walk in fume hood
SKU: BDL-5004

Walk in fume hood Series 100

TABLE 2 OF 2

Specification	Walk in fume hood SKU: BDL-5005	Walk in fume hood SKU: BDL-5101
Number of Users	1- 3	1- 2
Rated Power	125W (Not including socket load power, load power cannot exceed 500W)	125W (Load power cannot exceed 500W)
Power Supply	220V±10%, 50Hz(Standard); 110V±10%, 60Hz(Optional)	220V±10%, 50Hz(Standard); 110±10%V, 60Hz(Optional)
Exhaust Volume	1850m³/h	2300m³/h
Air Velocity	0.3m/s~0.8 m/s	0.3m/s~0.8 m/s



Walk in fume hood
SKU: BDL-5005



Walk in fume hood
SKU: BDL-5101

Walk in fume hood Series 100

Specification	Walk in fume hood SKU: BFSD-801	Walk in fume hood SKU: BFSD-802	Walk in fume hood SKU: BFSD-803
External Size (W*D*H)	1200*800*2250mm	1500*800*2250mm	1800*800*2250mm
Internal Size (W*D*H)	980*550*1670mm	1280*550*1670mm	1580*550*1670mm
Max Opening	1300mm	1300mm	1300mm
Exhaust Airflow Volume	1150m³h	1500m³h	1800m³h
Inflow Air Velocity	0.3~0.8m/s.	0.3~0.8m/s.	0.3~0.8m/s.



Walk in fume hood
SKU: BFSD-801



Walk in fume hood
SKU: BFSD-802



Walk in fume hood
SKU: BFSD-803

FURNACES

MUFFLE BOX FURNACE

OVERVIEW

Laboratory muffle box furnaces offer compact, high-temperature chambers for heat treatment and material testing. Models use alloy heating wires on multiple sides with microprocessor-controlled PID or programmable controllers to maintain uniform 100–1200 °C ranges. Efficient ceramic fibre insulation, good door sealing and safety interlocks enhance temperature stability and operator protection.

Highlights

- Microprocessor control
- 100–1200 °C range
- Ceramic fibre insulation
- Safety interlocks

For Detailed Technical Info & Accessories

Scan to view detailed technical information & accessories, or visit the link below.

CATALOG LINK

https://biolabscientific.com/content/catalogs/2101-Catalog-Biolab.pdf

Muffle Box Furnace Series 100

TABLE 1 OF 6

Specification	Muffle Box Furnace SKU: BER-3201	Muffle Box Furnace SKU: BER-3202	Muffle Box Furnace SKU: BER-3203	Muffle Box Furnace SKU: BER-3204	Muffle Box Furnace SKU: BER-3205
Heating Mode	Alloy wire heating in three sides left; right; top side	Alloy wire heating in three sides left; right; top side	Alloy wire heating in three sides left; right; top side	Alloy wire heating in three sides left; right; top side	Alloy wire heating in three sides left; right; top side
--Temp. Range	100-1200°C	100-1200°C	100-1200°C	100-1200°C	100-1200°C
--Temp. Resolution Ratio	1°C	1°C	1°C	1°C	1°C
--Temp. motion	±1°C	±1°C	±1°C	±1°C	±1°C
--Temp. Rising time to max temp	≤30min	≤30min	≤30min	≤30min	≤30min



Muffle Box Furnace
SKU: BER-3201



Muffle Box Furnace
SKU: BER-3202



Muffle Box Furnace
SKU: BER-3203



Muffle Box Furnace
SKU: BER-3204



Muffle Box Furnace
SKU: BER-3205

Muffle Box Furnace Series 100

TABLE 2 OF 6

Specification	Muffle Box Furnace SKU: BER-3206	Muffle Box Furnace SKU: BER-3207	Muffle Box Furnace SKU: BER-3208	Muffle Box Furnace SKU: BER-3209	Muffle Box Furnace SKU: BER-3210
Heating Mode	Alloy wire heating in three sides left; right; top side	Alloy wire heating in three sides left; right; top side	Alloy wire heating in three sides left; right; top side	Alloy wire heating in three sides left; right; top side	Alloy wire heating in three sides left; right; top side
--Temp. Range	100-1200°C	100-1200°C	100-1200°C	100-1200°C	100-1200°C
--Temp. Resolution Ratio	1°C	1°C	1°C	1°C	1°C
--Temp. motion	±1°C	±1°C	±1°C	±1°C	±1°C
--Temp. Rising time to max temp	≤30min	≤30min	≤30min	≤30min	≤30min



Muffle Box Furnace
SKU: BER-3206



Muffle Box Furnace
SKU: BER-3207



Muffle Box Furnace
SKU: BER-3208



Muffle Box Furnace
SKU: BER-3209



Muffle Box Furnace
SKU: BER-3210

Muffle Box Furnace Series 100

TABLE 3 OF 6

Specification	Muffle Box Furnace SKU: BER-3211	Muffle Box Furnace SKU: BER-3212	Muffle Box Furnace SKU: BER-3213	Muffle Box Furnace SKU: BER-3214	Muffle Box Furnace SKU: BER-3215
Heating Mode	Alloy wire heating in three sides left; right; top side	Alloy wire heating in three sides left; right; top side	Alloy wire heating in three sides left; right; top side	Alloy wire heating in three sides left; right; top side	Alloy wire heating in three sides left; right; top side
--Temp. Range	100-1200°C	100-1200°C	100-1200°C	100-1200°C	100-1200°C
--Temp. Resolution Ratio	1°C	1°C	1°C	1°C	1°C
--Temp. motion	±1°C	±1°C	±1°C	±1°C	±1°C
--Temp. Rising time to max temp	≤30min	≤30min	≤30min	≤30min	≤30min



Muffle Box Furnace
SKU: BER-3211



Muffle Box Furnace
SKU: BER-3212



Muffle Box Furnace
SKU: BER-3213



Muffle Box Furnace
SKU: BER-3214



Muffle Box Furnace
SKU: BER-3215

Muffle Box Furnace Series 100

TABLE 4 OF 6

Specification	Muffle Box Furnace SKU: BER-3216	Muffle Box Furnace SKU: BER-3217	Muffle Box Furnace SKU: BER-3218	Muffle Box Furnace SKU: BER-3219	Muffle Box Furnace SKU: BER-3220
Heating Mode	Alloy wire heating in three sides left; right; top side	Alloy wire heating in three sides left; right; top side	Alloy wire heating in three sides left; right; top side	Alloy wire heating in three sides left; right; top side	Alloy wire heating in three sides left; right; top side
--Temp. Range	100-1200°C	100-1200°C	100-1200°C	100-1200°C	100-1200°C
--Temp. Resolution Ratio	1°C	1°C	1°C	1°C	1°C
--Temp. motion	±1°C	±1°C	±1°C	±1°C	±1°C
--Temp. Rising time to max temp	≤30min	≤30min	≤30min	≤30min	≤30min



Muffle Box Furnace
SKU: BER-3216



Muffle Box Furnace
SKU: BER-3217



Muffle Box Furnace
SKU: BER-3218



Muffle Box Furnace
SKU: BER-3219



Muffle Box Furnace
SKU: BER-3220

Muffle Box Furnace Series 100

TABLE 5 OF 6

Specification	Muffle Box Furnace SKU: BER-3221	Muffle Box Furnace SKU: BER-3222	Muffle Box Furnace SKU: BER-3223	Muffle Box Furnace SKU: BER-3224	Muffle Box Furnace SKU: BER-3225
Heating Mode	Alloy wire heating in three sides left; right; top side	Alloy wire heating in three sides left; right; top side	Alloy wire heating in three sides left; right; top side	Alloy wire heating in three sides left; right; top side	Alloy wire heating in three sides left; right; top side
--Temp. Range	100-1200°C	100-1200°C	100-1200°C	100-1200°C	100-1200°C
--Temp. Resolution Ratio	1°C	1°C	1°C	1°C	1°C
--Temp. motion	±1°C	±1°C	±1°C	±1°C	±1°C
--Temp. Rising time to max temp	≤30min	≤30min	≤30min	≤30min	≤30min



Muffle Box Furnace
SKU: BER-3221



Muffle Box Furnace
SKU: BER-3222



Muffle Box Furnace
SKU: BER-3223



Muffle Box Furnace
SKU: BER-3224



Muffle Box Furnace
SKU: BER-3225

Muffle Box Furnace Series 100

TABLE 6 OF 6

Specification	Muffle Box Furnace SKU: BER-3226	Muffle Box Furnace SKU: BER-3227
Heating Mode	Alloy wire heating in three sides left; right; top side	Alloy wire heating in three sides left; right; top side
--Temp. Range	100-1200°C	100-1200°C
--Temp. Resolution Ratio	1°C	1°C
--Temp. motion	±1°C	±1°C
--Temp. Rising time to max temp	≤30min	≤30min



Muffle Box Furnace
SKU: BER-3226



Muffle Box Furnace
SKU: BER-3227

Muffle Box Furnace Series 100

TABLE 1 OF 8

Specification	Muffle Box Furnace SKU: BER-3301	Muffle Box Furnace SKU: BER-3302	Muffle Box Furnace SKU: BER-3303	Muffle Box Furnace SKU: BER-3304	Muffle Box Furnace SKU: BER-3305
--Temp. Range	Max 1600°C (Long time continuous working temperature 1500°C)	Max 1600°C (Long time continuous working temperature 1500°C)	Max 1600°C (Long time continuous working temperature 1500°C)	Max 1600°C (Long time continuous working temperature 1500°C)	Max 1600°C (Long time continuous working temperature 1500°C)
--Temp. Accuracy	± 1°C	± 1°C	± 1°C	± 1°C	± 1°C
--Temp. Resolution Ratio	1°C	1°C	1°C	1°C	1°C
--Temp. RISING Time To Max Temp	≤130min	≤130min	≤130min	≤130min	≤130min
--Furnace Body	Polycrystalline Mullite Fiber	Polycrystalline Mullite Fiber	Polycrystalline Mullite Fiber	Polycrystalline Mullite Fiber	Polycrystalline Mullite Fiber



Muffle Box Furnace
SKU: BER-3301



Muffle Box Furnace
SKU: BER-3302



Muffle Box Furnace
SKU: BER-3303



Muffle Box Furnace
SKU: BER-3304



Muffle Box Furnace
SKU: BER-3305

Muffle Box Furnace Series 100

TABLE 2 OF 8

Specification	Muffle Box Furnace SKU: BER-3306	Muffle Box Furnace SKU: BER-3307	Muffle Box Furnace SKU: BER-3308	Muffle Box Furnace SKU: BER-3309	Muffle Box Furnace SKU: BER-3310
--Temp. Range	Max 1600°C (Long time continuous working temperature 1500°C)	Max 1600°C (Long time continuous working temperature 1500°C)	Max 1600°C (Long time continuous working temperature 1500°C)	Max 1600°C (Long time continuous working temperature 1500°C)	Max 1600°C (Long time continuous working temperature 1500°C)
--Temp. Accuracy	± 1°C	± 1°C	± 1°C	± 1°C	± 1°C
--Temp. Resolution Ratio	1°C	1°C	1°C	1°C	1°C
--Temp. RISING Time To Max Temp	≤130min	≤130min	≤130min	≤130min	≤130min
--Furnace Body	Polycrystalline Mullite Fiber	Polycrystalline Mullite Fiber	Polycrystalline Mullite Fiber	Polycrystalline Mullite Fiber	Polycrystalline Mullite Fiber



Muffle Box Furnace
SKU: BER-3306



Muffle Box Furnace
SKU: BER-3307



Muffle Box Furnace
SKU: BER-3308



Muffle Box Furnace
SKU: BER-3309



Muffle Box Furnace
SKU: BER-3310

Muffle Box Furnace Series 100

TABLE 3 OF 8

Specification	Muffle Box Furnace SKU: BER-3311	Muffle Box Furnace SKU: BER-3312	Muffle Box Furnace SKU: BER-3313	Muffle Box Furnace SKU: BER-3314	Muffle Box Furnace SKU: BER-3315
--Temp. Range	Max 1600°C (Long time continuous working temperature 1500°C)	Max 1600°C (Long time continuous working temperature 1500°C)	Max 1600°C (Long time continuous working temperature 1500°C)	Max 1600°C (Long time continuous working temperature 1500°C)	Max 1600°C (Long time continuous working temperature 1500°C)
--Temp. Accuracy	± 1°C	± 1°C	± 1°C	± 1°C	± 1°C
--Temp. Resolution Ratio	1°C	1°C	1°C	1°C	1°C
--Temp. RISING Time To Max Temp	≤130min	≤130min	≤130min	≤130min	≤130min
--Furnace Body	Polycrystalline Mullite Fiber	Polycrystalline Mullite Fiber	Polycrystalline Mullite Fiber	Polycrystalline Mullite Fiber	Polycrystalline Mullite Fiber



Muffle Box Furnace
SKU: BER-3311



Muffle Box Furnace
SKU: BER-3312



Muffle Box Furnace
SKU: BER-3313



Muffle Box Furnace
SKU: BER-3314



Muffle Box Furnace
SKU: BER-3315

Muffle Box Furnace Series 100

TABLE 4 OF 8

Specification	Muffle Box Furnace SKU: BER-3316	Muffle Box Furnace SKU: BER-3317	Muffle Box Furnace SKU: BER-3318	Muffle Box Furnace SKU: BER-3401	Muffle Box Furnace SKU: BER-3402
--Temp. Range	Max 1600°C (Long time continuous working temperature 1500°C)	Max 1600°C (Long time continuous working temperature 1500°C)	Max 1600°C (Long time continuous working temperature 1500°C)	Max 1700°C (Long time continuous working temperature 1650°C)	Max 1700°C (Long time continuous working temperature 1650°C)
--Temp. Accuracy	± 1°C	± 1°C	± 1°C	± 1°C	± 1°C
--Temp. Resolution Ratio	1°C	1°C	1°C	1°C	1°C
--Temp. RISING Time To Max Temp	≤130min	≤130min	≤130min	≤140min	≤140min
--Furnace Body	Polycrystalline Mullite Fiber	Polycrystalline Mullite Fiber	Polycrystalline Mullite Fiber	HHR Polycrystalline Mullite Fiber	HHR Polycrystalline Mullite Fiber



Muffle Box Furnace
SKU: BER-3316



Muffle Box Furnace
SKU: BER-3317



Muffle Box Furnace
SKU: BER-3318



Muffle Box Furnace
SKU: BER-3401



Muffle Box Furnace
SKU: BER-3402

Muffle Box Furnace Series 100

TABLE 5 OF 8

Specification	Muffle Box Furnace SKU: BER-3403	Muffle Box Furnace SKU: BER-3404	Muffle Box Furnace SKU: BER-3405	Muffle Box Furnace SKU: BER-3406	Muffle Box Furnace SKU: BER-3407
--Temp. Range	Max 1700°C (Long time continuous working temperature 1650°C)	Max 1700°C (Long time continuous working temperature 1650°C)	Max 1700°C (Long time continuous working temperature 1650°C)	Max 1700°C (Long time continuous working temperature 1650°C)	Max 1700°C (Long time continuous working temperature 1650°C)
--Temp. Accuracy	± 1°C	± 1°C	± 1°C	± 1°C	± 1°C
--Temp. Resolution Ratio	1°C	1°C	1°C	1°C	1°C
--Temp. RISING Time To Max Temp	≤140min	≤140min	≤140min	≤140min	≤140min
--Furnace Body	HHR Polycrystalline Mullite Fiber	HHR Polycrystalline Mullite Fiber	HHR Polycrystalline Mullite Fiber	HHR Polycrystalline Mullite Fiber	HHR Polycrystalline Mullite Fiber



Muffle Box Furnace
SKU: BER-3403



Muffle Box Furnace
SKU: BER-3404



Muffle Box Furnace
SKU: BER-3405



Muffle Box Furnace
SKU: BER-3406



Muffle Box Furnace
SKU: BER-3407

Muffle Box Furnace Series 100

TABLE 6 OF 8

Specification	Muffle Box Furnace SKU: BER-3408	Muffle Box Furnace SKU: BER-3409	Muffle Box Furnace SKU: BER-3410	Muffle Box Furnace SKU: BER-3411	Muffle Box Furnace SKU: BER-3412
--Temp. Range	Max 1700°C (Long time continuous working temperature 1650°C)	Max 1700°C (Long time continuous working temperature 1650°C)	Max 1700°C (Long time continuous working temperature 1650°C)	Max 1700°C (Long time continuous working temperature 1650°C)	Max 1700°C (Long time continuous working temperature 1650°C)
--Temp. Accuracy	± 1°C	± 1°C	± 1°C	± 1°C	± 1°C
--Temp. Resolution Ratio	1°C	1°C	1°C	1°C	1°C
--Temp. RISING Time To Max Temp	≤140min	≤140min	≤140min	≤140min	≤140min
--Furnace Body	HHR Polycrystalline Mullite Fiber	HHR Polycrystalline Mullite Fiber	HHR Polycrystalline Mullite Fiber	HHR Polycrystalline Mullite Fiber	HHR Polycrystalline Mullite Fiber



Muffle Box Furnace
SKU: BER-3408



Muffle Box Furnace
SKU: BER-3409



Muffle Box Furnace
SKU: BER-3410



Muffle Box Furnace
SKU: BER-3411



Muffle Box Furnace
SKU: BER-3412

Muffle Box Furnace Series 100

TABLE 7 OF 8

Specification	Muffle Box Furnace SKU: BER-3413	Muffle Box Furnace SKU: BER-3414	Muffle Box Furnace SKU: BER-3415	Muffle Box Furnace SKU: BER-3416	Muffle Box Furnace SKU: BER-3417
--Temp. Range	Max 1700°C (Long time continuous working temperature 1650°C)	Max 1700°C (Long time continuous working temperature 1650°C)	Max 1700°C (Long time continuous working temperature 1650°C)	Max 1700°C (Long time continuous working temperature 1650°C)	Max 1700°C (Long time continuous working temperature 1650°C)
--Temp. Accuracy	± 1°C	± 1°C	± 1°C	± 1°C	± 1°C
--Temp. Resolution Ratio	1°C	1°C	1°C	1°C	1°C
--Temp. RISING Time To Max Temp	≤140min	≤140min	≤140min	≤140min	≤140min
--Furnace Body	HHR Polycrystalline Mullite Fiber	HHR Polycrystalline Mullite Fiber	HHR Polycrystalline Mullite Fiber	HHR Polycrystalline Mullite Fiber	HHR Polycrystalline Mullite Fiber



Muffle Box Furnace
SKU: BER-3413



Muffle Box Furnace
SKU: BER-3414



Muffle Box Furnace
SKU: BER-3415



Muffle Box Furnace
SKU: BER-3416



Muffle Box Furnace
SKU: BER-3417

Muffle Box Furnace Series 100

TABLE 8 OF 8

Specification	Muffle Box Furnace SKU: BER-3418
--Temp. Range	Max 1700°C (Long time continuous working temperature 1650°C)
--Temp. Accuracy	± 1°C
--Temp. Resolution Ratio	1°C
--Temp. RISING Time To Max Temp	≤140min
--Furnace Body	HHR Polycrystalline Mullite Fiber



Muffle Box Furnace
SKU: BER-3418

Muffle Box Furnace Series 100

TABLE 1 OF 3

Specification	Muffle Box Furnace SKU: BER-8501	Muffle Box Furnace SKU: BER-8502	Muffle Box Furnace SKU: BER-8503	Muffle Box Furnace SKU: BER-8504	Muffle Box Furnace SKU: BER-8505
Heating Mode	Alloy wire heating in three sides left; right; top side	Alloy wire heating in three sides left; right; top side	Alloy wire heating in three sides left; right; top side	Alloy wire heating in three sides left; right; top side	Alloy wire heating in three sides left; right; top side
--Temp.Range	100-1200°C	100-1200°C	100-1200°C	100-1200°C	100-1200°C
--Temp.Resolution Ratio	1°C	1°C	1°C	1°C	1°C
--Temp.motion	±1°C	±1°C	±1°C	±1°C	±1°C
--Temp.Rising time to max temp	≤30min	≤30min	≤30min	≤30min	≤30min



Muffle Box Furnace
SKU: BER-8501



Muffle Box Furnace
SKU: BER-8502



Muffle Box Furnace
SKU: BER-8503



Muffle Box Furnace
SKU: BER-8504



Muffle Box Furnace
SKU: BER-8505

Muffle Box Furnace Series 100

TABLE 2 OF 3

Specification	Muffle Box Furnace SKU: BER-8506	Muffle Box Furnace SKU: BER-8507	Muffle Box Furnace SKU: BER-8508	Muffle Box Furnace SKU: BER-8509	Muffle Box Furnace SKU: BER-8510
Heating Mode	Alloy wire heating in three sides left; right; top side	Alloy wire heating in three sides left; right; top side	Alloy wire heating in three sides left; right; top side	Alloy wire heating in three sides left; right; top side	Alloy wire heating in three sides left; right; top side
--Temp.Range	100-1200°C	100-1200°C	100-1200°C	100-1200°C	100-1200°C
--Temp.Resolution Ratio	1°C	1°C	1°C	1°C	1°C
--Temp.motion	±1°C	±1°C	±1°C	±1°C	±1°C
--Temp.Rising time to max temp	≤30min	≤30min	≤30min	≤30min	≤30min



Muffle Box Furnace
SKU: BER-8506



Muffle Box Furnace
SKU: BER-8507



Muffle Box Furnace
SKU: BER-8508



Muffle Box Furnace
SKU: BER-8509



Muffle Box Furnace
SKU: BER-8510

Muffle Box Furnace Series 100

TABLE 3 OF 3

Specification	Muffle Box Furnace SKU: BER-8511	Muffle Box Furnace SKU: BER-8512
Heating Mode	Alloy wire heating in three sides left; right; top side	Alloy wire heating in three sides left; right; top side
--Temp.Range	100-1200°C	100-1200°C
--Temp.Resolution Ratio	1°C	1°C
--Temp.motion	±1°C	±1°C
--Temp.Rising time to max temp	≤30min	≤30min



Muffle Box Furnace
SKU: BER-8511



Muffle Box Furnace
SKU: BER-8512

Muffle Box Furnace Series 100

TABLE 1 OF 4

Specification	Muffle Box Furnace SKU: BER-8601	Muffle Box Furnace SKU: BER-8602	Muffle Box Furnace SKU: BER-8603	Muffle Box Furnace SKU: BER-8604	Muffle Box Furnace SKU: BER-8605
--Temp Range	Max 1700°C (Long-term max continuous operating temp 1650°C)	Max 1700°C (Long-term max continuous operating temp 1650°C)	Max 1700°C (Long-term max continuous operating temp 1650°C)	Max 1700°C (Long-term max continuous operating temp 1650°C)	Max 1700°C (Long-term max continuous operating temp 1650°C)
--Temp Accuracy	±1°C	±1°C	±1°C	±1°C	±1°C
--Temp Resolution Ratio	1°C	1°C	1°C	1°C	1°C
--Temperature Rise Time	≤140 min	≤140 min	≤140 min	≤140 min	≤140 min
--Variable Hearth Volume	High temperature resistant polycrystalline mullite fibre	High temperature resistant polycrystalline mullite fibre	High temperature resistant polycrystalline mullite fibre	High temperature resistant polycrystalline mullite fibre	High temperature resistant polycrystalline mullite fibre



Muffle Box Furnace
SKU: BER-8601



Muffle Box Furnace
SKU: BER-8602



Muffle Box Furnace
SKU: BER-8603



Muffle Box Furnace
SKU: BER-8604



Muffle Box Furnace
SKU: BER-8605

Muffle Box Furnace Series 100

TABLE 2 OF 4

Specification	Muffle Box Furnace SKU: BER-8606	Muffle Box Furnace SKU: BER-8607	Muffle Box Furnace SKU: BER-8608	Muffle Box Furnace SKU: BER-8609	Muffle Box Furnace SKU: BER-8610
--Temp Range	Max 1700°C (Long-term max continuous operating temp 1650°C)	Max 1700°C (Long-term max continuous operating temp 1650°C)	Max 1700°C (Long-term max continuous operating temp 1650°C)	Max 1700°C (Long-term max continuous operating temp 1650°C)	Max 1700°C (Long-term max continuous operating temp 1650°C)
--Temp Accuracy	±1°C	±1°C	±1°C	±1°C	±1°C
--Temp Resolution Ratio	1°C	1°C	1°C	1°C	1°C
--Temperature Rise Time	≤140 min	≤140 min	≤140 min	≤140 min	≤140 min
--Variable Hearth Volume	High temperature resistant polycrystalline mullite fibre	High temperature resistant polycrystalline mullite fibre	High temperature resistant polycrystalline mullite fibre	High temperature resistant polycrystalline mullite fibre	High temperature resistant polycrystalline mullite fibre



Muffle Box Furnace
SKU: BER-8606



Muffle Box Furnace
SKU: BER-8607



Muffle Box Furnace
SKU: BER-8608



Muffle Box Furnace
SKU: BER-8609



Muffle Box Furnace
SKU: BER-8610

Muffle Box Furnace Series 100

TABLE 3 OF 4

Specification	Muffle Box Furnace SKU: BER-8611	Muffle Box Furnace SKU: BER-8612	Muffle Box Furnace SKU: BER-8613	Muffle Box Furnace SKU: BER-8614	Muffle Box Furnace SKU: BER-8615
--Temp Range	Max 1700°C (Long-term max continuous operating temp 1650°C)	Max 1700°C (Long-term max continuous operating temp 1650°C)	Max 1700°C (Long-term max continuous operating temp 1650°C)	Max 1700°C (Long-term max continuous operating temp 1650°C)	Max 1700°C (Long-term max continuous operating temp 1650°C)
--Temp Accuracy	±1°C	±1°C	±1°C	±1°C	±1°C
--Temp Resolution Ratio	1°C	1°C	1°C	1°C	1°C
--Temperature Rise Time	≤140 min	≤140 min	≤140 min	≤140 min	≤140 min
--Variable Hearth Volume	High temperature resistant polycrystalline mullite fibre	High temperature resistant polycrystalline mullite fibre	High temperature resistant polycrystalline mullite fibre	High temperature resistant polycrystalline mullite fibre	High temperature resistant polycrystalline mullite fibre



Muffle Box Furnace
SKU: BER-8611



Muffle Box Furnace
SKU: BER-8612



Muffle Box Furnace
SKU: BER-8613



Muffle Box Furnace
SKU: BER-8614



Muffle Box Furnace
SKU: BER-8615

Muffle Box Furnace Series 100

TABLE 4 OF 4

Specification	Muffle Box Furnace SKU: BER-8616	Muffle Box Furnace SKU: BER-8617	Muffle Box Furnace SKU: BER-8618
--Temp Range	Max 1700°C (Long-term max continuous operating temp 1650°C)	Max 1700°C (Long-term max continuous operating temp 1650°C)	Max 1700°C (Long-term max continuous operating temp 1650°C)
--Temp Accuracy	±1°C	±1°C	±1°C
--Temp Resolution Ratio	1°C	1°C	1°C
--Temperature Rise Time	≤140 min	≤140 min	≤140 min
--Variable Hearth Volume	High temperature resistant polycrystalline mullite fibre	High temperature resistant polycrystalline mullite fibre	High temperature resistant polycrystalline mullite fibre



Muffle Box Furnace
SKU: BER-8616



Muffle Box Furnace
SKU: BER-8617



Muffle Box Furnace
SKU: BER-8618

Muffle Box Furnace Series 200

TABLE 1 OF 6

Specification	Muffle Box Furnace SKU: BFMF-1000-5	Muffle Box Furnace SKU: BFMF-1000-8	Muffle Box Furnace SKU: BFMF-1000-20	Muffle Box Furnace SKU: BFMF-1100-5	Muffle Box Furnace SKU: BFMF-1100-5B
Working Temperature	1000 °C	1000 °C	1000 °C	1100 °C	1100 °C
Volume	5L	8L	20L	5L	5L
Inner Chamber Dimensions [mm] WxHxD	150x150x225	180x160x260	200x180x300	150x150x225	150x150x225
Product Outer Dimensions [mm] WxHxD	376x559x435	406x569x470	426x589x510	376x559x435	446x618x620
Net Weight [kg]	24	28	34	24	43



Muffle Box Furnace
SKU: BFMF-1000-5



Muffle Box Furnace
SKU: BFMF-1000-8



Muffle Box Furnace
SKU: BFMF-1000-20



Muffle Box Furnace
SKU: BFMF-1100-5



Muffle Box Furnace
SKU: BFMF-1100-5B

Muffle Box Furnace Series 200

TABLE 2 OF 6

Specification	Muffle Box Furnace SKU: BFMF-1100-7B	Muffle Box Furnace SKU: BFMF-1100-8	Muffle Box Furnace SKU: BFMF-1100-10B	Muffle Box Furnace SKU: BFMF-1100-20	Muffle Box Furnace SKU: BFMF-1100-20B
Working Temperature	1100 °C	1100 °C	1100 °C	1100 °C	1100 °C
Volume	7L	8L	10L	20L	20L
Inner Chamber Dimensions [mm] WxHxD	180x160x260	180x160x260	200x180x300	200x180x300	250x200x395
Product Outer Dimensions [mm] WxHxD	476x628x655	406x569x470	496x648x695	426x589x510	546x668x790
Net Weight [kg]	48	28	50	34	65



Muffle Box Furnace
SKU: BFMF-1100-7B



Muffle Box Furnace
SKU: BFMF-1100-8



Muffle Box Furnace
SKU: BFMF-1100-10B



Muffle Box Furnace
SKU: BFMF-1100-20



Muffle Box Furnace
SKU: BFMF-1100-20B

Muffle Box Furnace Series 200

TABLE 3 OF 6

Specification	Muffle Box Furnace SKU: BFMF-1100-40B	Muffle Box Furnace SKU: BFMF-1100-60B	Muffle Box Furnace SKU: BFMF-1100-100B	Muffle Box Furnace SKU: BFMF-1200-5	Muffle Box Furnace SKU: BFMF-1200-7
Working Temperature	1100 °C	1100 °C	1100 °C	1200 °C	1200 °C
Volume	40L	60L	100L	5L	7L
Inner Chamber Dimensions [mm] WxHxD	300x300x445	400x300x495	460x365x595	150x150x225	180x160x260
Product Outer Dimensions [mm] WxHxD	630x785x840	730x785x890	756x833x990	446x618x620	470x628x655
Net Weight [kg]	112	133	160	43	48



Muffle Box Furnace
SKU: BFMF-1100-40B



Muffle Box Furnace
SKU: BFMF-1100-60B



Muffle Box Furnace
SKU: BFMF-1100-100B



Muffle Box Furnace
SKU: BFMF-1200-5



Muffle Box Furnace
SKU: BFMF-1200-7

Muffle Box Furnace Series 200

TABLE 4 OF 6

Specification	Muffle Box Furnace SKU: BFMF-1200-10	Muffle Box Furnace SKU: BFMF-1200-20	Muffle Box Furnace SKU: BFMF-1200-40	Muffle Box Furnace SKU: BFMF-1200-60	Muffle Box Furnace SKU: BFMF-1200-100
Working Temperature	1200 °C	1200 °C	1200 °C	1200 °C	1200 °C
Volume	10L	20L	40L	60L	100L
Inner Chamber Dimensions [mm] WxHxD	200x180x300	250x200x395	300x300x445	400x300x495	460x365x595
Product Outer Dimensions [mm] WxHxD	496x648x695	546x668x790	630x785x840	730x785x890	756x833x990
Net Weight [kg]	50	65	112	133	160



Muffle Box Furnace
SKU: BFMF-1200-10



Muffle Box Furnace
SKU: BFMF-1200-20



Muffle Box Furnace
SKU: BFMF-1200-40



Muffle Box Furnace
SKU: BFMF-1200-60



Muffle Box Furnace
SKU: BFMF-1200-100

Muffle Box Furnace Series 200

TABLE 5 OF 6

Specification	Muffle Box Furnace SKU: BFMF-1300-5	Muffle Box Furnace SKU: BFMF-1300-7	Muffle Box Furnace SKU: BFMF-1300-10	Muffle Box Furnace SKU: BFMF-1300-20	Muffle Box Furnace SKU: BFMF-1300-40
Working Temperature	1300 °C	1300 °C	1300 °C	1300 °C	1300 °C
Volume	5L	7L	10L	20L	40L
Inner Chamber Dimensions [mm] WxHxD	150x150x225	180x160x260	200x180x300	250x200x395	300x300x445
Product Outer Dimensions [mm] WxHxD	446x618x620	476x628x655	496x648x695	546x668x790	630x785x840
Net Weight [kg]	49	56	60	81	112



Muffle Box Furnace
SKU: BFMF-1300-5



Muffle Box Furnace
SKU: BFMF-1300-7



Muffle Box Furnace
SKU: BFMF-1300-10



Muffle Box Furnace
SKU: BFMF-1300-20



Muffle Box Furnace
SKU: BFMF-1300-40

Muffle Box Furnace Series 200

TABLE 6 OF 6

Specification	Muffle Box Furnace SKU: BFMF-1300-60	Muffle Box Furnace SKU: BFMF-1300-100
Working Temperature	1300 °C	1300 °C
Volume	60L	100L
Inner Chamber Dimensions [mm] WxHxD	400x300x495	460x365x595
Product Outer Dimensions [mm] WxHxD	730x785x890	756x833x990
Net Weight [kg]	133	160



Muffle Box Furnace
SKU: BFMF-1300-60



Muffle Box Furnace
SKU: BFMF-1300-100

Muffle Box Furnace Series 200

Specification	Muffle Box Furnace SKU: BFMF-1100-3A	Muffle Box Furnace SKU: BFMF-1100-5A	Muffle Box Furnace SKU: BFMF-1100-7A	Muffle Box Furnace SKU: BFMF-1100-16A	Muffle Box Furnace SKU: BFMF-1100-30A
Maximum Working Temperature	1100 °C	1100 °C	1100 °C	1100 °C	1100 °C
Volume	3L	5L	7L	16L	30L
Continuous Working Temperature (°C)	1050°C	1050°C	1050°C	1050°C	1050°C
Inner Chamber Dimensions (mm) WxHxD	130x105x230	150x150x225	180x160x260	200x180x300	240x200x345
Product Outer Dimensions (mm) WxHxD	384x470x475	404x515x475	434x525x505	465x530x530	494x565x590



Muffle Box Furnace
SKU: BFMF-1100-3A



Muffle Box Furnace
SKU: BFMF-1100-5A



Muffle Box Furnace
SKU: BFMF-1100-7A



Muffle Box Furnace
SKU: BFMF-1100-16A



Muffle Box Furnace
SKU: BFMF-1100-30A

Muffle Box Furnace Series 300

TABLE 1 OF 3

Specification	Muffle Box Furnace SKU: BGI-1201	Muffle Box Furnace SKU: BGI-1202	Muffle Box Furnace SKU: BGI-1203	Muffle Box Furnace SKU: BGI-1204	Muffle Box Furnace SKU: BGI-1205
Max. Temp	1000	1000	1000	1000	1200
Volume	2L	7L	16L	30L	2L
Furnace Dimension (WxDxH) mm	120x200x80	200x300x120	250x400x160	300x500x200	120x200x80
Exterior Dimension (WxDxH) mm	400x580x610	520x650x660	570x810x740	700x930x845	400x580x610
Electrical	220V/50HZ	220V/50HZ	220V/50HZ	380V/50HZ	220V/50HZ



Muffle Box Furnace
SKU: BGI-1201



Muffle Box Furnace
SKU: BGI-1202



Muffle Box Furnace
SKU: BGI-1203



Muffle Box Furnace
SKU: BGI-1204



Muffle Box Furnace
SKU: BGI-1205

Muffle Box Furnace Series 300

TABLE 2 OF 3

Specification	Muffle Box Furnace SKU: BGI-1206	Muffle Box Furnace SKU: BGI-1207	Muffle Box Furnace SKU: BGI-1208	Muffle Box Furnace SKU: BGI-1209	Muffle Box Furnace SKU: BGI-1210
Max. Temp	1200	1200	1000	1000	1000
Volume	7L	16L	2L	7L	16L
Furnace Dimension (WxDxH) mm	200x300x120	250x400x160	120x200x80	200x300x120	250x400x160
Exterior Dimension (WxDxH) mm	520x650x660	570x810x740	400x580x610	520x650x660	570x810x740
Electrical	380V/50HZ	380V/50HZ	220V/50HZ	220V/50HZ	380V/50HZ



Muffle Box Furnace
SKU: BGI-1206



Muffle Box Furnace
SKU: BGI-1207



Muffle Box Furnace
SKU: BGI-1208



Muffle Box Furnace
SKU: BGI-1209



Muffle Box Furnace
SKU: BGI-1210

Muffle Box Furnace Series 300

TABLE 3 OF 3

Specification	Muffle Box Furnace SKU: BGI-1211
Max. Temp	1200
Volume	16L
Furnace Dimension (WxDxH) mm	250x400x160
Exterior Dimension (WxDxH) mm	570x810x740
Electrical	380V/50HZ



Muffle Box Furnace
SKU: BGI-1211

Muffle Box Furnace Series 300

Specification	Muffle Box Furnace SKU: BGI-1301	Muffle Box Furnace SKU: BGI-1302
Furnace Dimension(WxDxH) mm	150x250x100	200x500x180
Exterior Dimension (WxDxH) mm	570x670x710	940x885x850
Furnace Volume	4L	18L
Furnace Material	Firebrick furnace	Firebrick furnace
Max. Temp	1300°C	1300°C



Muffle Box Furnace
SKU: BGI-1301



Muffle Box Furnace
SKU: BGI-1302

TUBE FURNACE

OVERVIEW

Standard tube furnaces provide uniform high-temperature heating with working temperatures from 1100 °C to 1300 °C. They offer tube inner diameters from 20 mm to 100 mm and hot zone lengths between 250 mm and 800 mm with ±10 °C homogeneous zones for thermal processing of materials.

Highlights

- High working temperature
- Multiple tube diameters
- Variable hot zone length
- Uniform temperature zone

For Detailed Technical Info & Accessories

Scan to view detailed technical information & accessories, or visit the link below.

CATALOG LINK

https://biolabscientific.com/content/catalogs/2102-Catalog-Biolab.pdf

Tube Furnace Series 100

TABLE 1 OF 6

Specification	Tube Furnace SKU: BFTU-1100-20-250	Tube Furnace SKU: BFTU-1100-38-450	Tube Furnace SKU: BFTU-1100-50-300	Tube Furnace SKU: BFTU-1100-50-450	Tube Furnace SKU: BFTU-1100-50-600
Working Temperature	1100 °C	1100 °C	1100 °C	1100 °C	1100 °C
Tube Inner Diameter(mm)	20	38	50	50	50
Hot Zone Length (mm)	250	450	300	450	600
±10°C Homogeneous Hot Zone Length [mm]	84	150	100	150	195
Tube Length [mm]	420	660	510	660	810



Tube Furnace
SKU: BFTU-1100-20-250



Tube Furnace
SKU: BFTU-1100-38-450



Tube Furnace
SKU: BFTU-1100-50-300



Tube Furnace
SKU: BFTU-1100-50-450



Tube Furnace
SKU: BFTU-1100-50-600

Tube Furnace Series 100

TABLE 2 OF 6

Specification	Tube Furnace SKU: BFTU-1100-75-450	Tube Furnace SKU: BFTU-1100-75-600	Tube Furnace SKU: BFTU-1100-75-800	Tube Furnace SKU: BFTU-1100-100-500	Tube Furnace SKU: BFTU-1100-100-800
Working Temperature	1100 °C	1100 °C	1100 °C	1100 °C	1100 °C
Tube Inner Diameter(mm)	75	75	75	100	100
Hot Zone Length (mm)	450	600	800	500	800
±10°C Homogeneous Hot Zone Length [mm]	150	200	267	167	267
Tube Length [mm]	660	810	1010	710	1010



Tube Furnace
SKU: BFTU-1100-75-450



Tube Furnace
SKU: BFTU-1100-75-600



Tube Furnace
SKU: BFTU-1100-75-800



Tube Furnace
SKU: BFTU-1100-100-500



Tube Furnace
SKU: BFTU-1100-100-800

Tube Furnace Series 100

TABLE 3 OF 6

Specification	Tube Furnace SKU: BFTU-1200-20-250	Tube Furnace SKU: BFTU-1200-38-450	Tube Furnace SKU: BFTU-1200-50-300	Tube Furnace SKU: BFTU-1200-50-450	Tube Furnace SKU: BFTU-1200-50-600
Working Temperature	1200 °C	1200 °C	1200 °C	1200 °C	1200 °C
Tube Inner Diameter(mm)	20	38	50	50	50
Hot Zone Length (mm)	250	450	300	450	600
±10°C Homogeneous Hot Zone Length [mm]	84	150	100	150	195
Tube Length [mm]	420	660	510	660	810



Tube Furnace
SKU: BFTU-1200-20-250



Tube Furnace
SKU: BFTU-1200-38-450



Tube Furnace
SKU: BFTU-1200-50-300



Tube Furnace
SKU: BFTU-1200-50-450



Tube Furnace
SKU: BFTU-1200-50-600

Tube Furnace Series 100

TABLE 4 OF 6

Specification	Tube Furnace SKU: BFTU-1200-75-450	Tube Furnace SKU: BFTU-1200-75-600	Tube Furnace SKU: BFTU-1200-75-800	Tube Furnace SKU: BFTU-1200-100-500	Tube Furnace SKU: BFTU-1200-100-800
Working Temperature	1200 °C	1200 °C	1200 °C	1200 °C	1200 °C
Tube Inner Diameter(mm)	75	75	75	100	100
Hot Zone Length (mm)	450	600	800	500	800
±10°C Homogeneous Hot Zone Length [mm]	150	200	267	167	267
Tube Length [mm]	660	810	1010	710	1010



Tube Furnace
SKU: BFTU-1200-75-450



Tube Furnace
SKU: BFTU-1200-75-600



Tube Furnace
SKU: BFTU-1200-75-800



Tube Furnace
SKU: BFTU-1200-100-500



Tube Furnace
SKU: BFTU-1200-100-800

Tube Furnace Series 100

TABLE 5 OF 6

Specification	Tube Furnace SKU: BFTU-1300-20-250	Tube Furnace SKU: BFTU-1300-38-450	Tube Furnace SKU: BFTU-1300-50-300	Tube Furnace SKU: BFTU-1300-50-450	Tube Furnace SKU: BFTU-1300-50-600
Working Temperature	1300 °C	1300 °C	1300 °C	1300 °C	1300 °C
Tube Inner Diameter(mm)	20	38	50	50	50
Hot Zone Length (mm)	250	450	300	450	600
±10°C Homogeneous Hot Zone Length [mm]	84	150	100	150	200
Tube Length [mm]	420	660	510	660	810



Tube Furnace
SKU: BFTU-1300-20-250



Tube Furnace
SKU: BFTU-1300-38-450



Tube Furnace
SKU: BFTU-1300-50-300



Tube Furnace
SKU: BFTU-1300-50-450



Tube Furnace
SKU: BFTU-1300-50-600

Tube Furnace Series 100

TABLE 6 OF 6

Specification	Tube Furnace SKU: BFTU-1300-75-450	Tube Furnace SKU: BFTU-1300-75-600	Tube Furnace SKU: BFTU-1300-75-800	Tube Furnace SKU: BFTU-1300-100-500	Tube Furnace SKU: BFTU-1300-100-800
Working Temperature	1300 °C	1300 °C	1300 °C	1300 °C	1300 °C
Tube Inner Diameter(mm)	75	75	75	100	100
Hot Zone Length (mm)	450	600	800	500	800
±10°C Homogeneous Hot Zone Length [mm]	150	200	267	167	267
Tube Length [mm]	660	810	1010	710	1010



Tube Furnace
SKU: BFTU-1300-75-450



Tube Furnace
SKU: BFTU-1300-75-600



Tube Furnace
SKU: BFTU-1300-75-800



Tube Furnace
SKU: BFTU-1300-100-500



Tube Furnace
SKU: BFTU-1300-100-800

GAS GENERATOR

HYDROGEN AIR GENERATOR

OVERVIEW

Hydrogen air generators provide high-purity hydrogen gas for analytical instruments. Units supply adjustable flow rates up to roughly 500 mL/min with stable output pressures around 0.3 MPa, deliver gas purity of 99.999 %, and operate with low electrical power input for safe, reliable laboratory use.

Highlights

- Adjustable flow rate
- 99.999 % purity
- Stable output pressure
- Low power consumption

For Detailed Technical Info & Accessories

Scan to view detailed technical information & accessories, or visit the link below.

CATALOG LINK

https://biolabscientific.com/content/catalogs/3802-Catalog-Biolab.pdf

Hydrogen Air Generator Series 100

Specification	Hydrogen Air Generator SKU: BJV-201	Hydrogen Air Generator SKU: BJV-202
Output flow: ml/min	0-300	0-500
Output pressure: (MPa)	0.3Mpa	0.3Mpa
Gas purity: (%)	99.999	99.999
Input power: (W)	150	300
External Dimensions(W*D*H)(mm)	310*200*370	310*200*370



Hydrogen Air Generator
SKU: BJV-201



Hydrogen Air Generator
SKU: BJV-202

GAS GENERATOR

NITROGEN GENERATOR

OVERVIEW

Compact nitrogen generators convert compressed air into high-purity nitrogen gas, using large-area electrolytic cells for low-temperature, long-life operation. Integrated devices automatically regulate pressure and flow, preventing liquid return and maintaining constant output purity up to 99.995%.

Highlights

- High-purity nitrogen
- Automatic pressure control
- Liquid return prevention
- Simple operation

For Detailed Technical Info & Accessories

Scan to view detailed technical information & accessories, or visit the link below.

CATALOG LINK

https://biolabscientific.com/content/catalogs/3806-Catalog-Biolab.pdf

Nitrogen Generator Series 100

Specification	Nitrogen Generator SKU: BJV-101	Nitrogen Generator SKU: BJV-102
Output flow: ml/min	0-300	0-500
Input pressure: (MPa)	0.45	0.45
Output pressure: (MPa)	0.4	0.4
Gas purity: (%)	99.995	99.995
Input power: (W)	80	150



Nitrogen Generator
SKU: BJV-101



Nitrogen Generator
SKU: BJV-102

GEL INSTRUMENT

OVERVIEW

Gel instruments encompass handheld UV analyzers, blue-light and UV transilluminators, black-box viewers and gel documentation systems. They provide safe nucleic acid visualization at various wavelengths, adjustable viewing platforms, camera-ready imaging and gel card incubators for serological testing.

Highlights

- UV/blue-light visualization
- Camera-compatible
- Adjustable viewing
- Gel card incubators

For Detailed Technical Info & Accessories

Scan to view detailed technical information & accessories, or visit the link below.

CATALOG LINK

https://biolabscientific.com/content/catalogs/3901-Catalog-Biolab.pdf

Gel Instrument Series 100

Specification	Gel Instrument SKU: BGEL-101
Transmission Wavelength	302nm, 254nm, 365nm optional. (standard configuration is 302nm)
Transmission Filter Size	200x150mm
Observation Window Size	140x60mm
Camera lens aperture	54mm
Voltage	AC 220V, 50Hz



Gel Instrument
SKU: BGEL-101

Gel Instrument Series 100

Specification	Gel Instrument SKU: BGEL-102
Wavelength	470nm
Max. Gel Size	100x150mm
Voltage	DC 24V Power Adapter
Dimension	W.210 x D.210 x H.30mm
Net Weight	1.4kgs



Gel Instrument
SKU: BGEL-102

Gel Instrument Series 100

Specification	Gel Instrument SKU: BGEL-103
Wavelength	254nm, 365nm combine
UV Window	150x50mm
Voltage	DC12.6V Lithium battery charger
Power	≤6W
Dimension	W.440 x D.75 x H.51mm



Gel Instrument
SKU: BGEL-103

Gel Instrument Series 100

Specification	Gel Instrument SKU: BGEL-104
Transmission wavelength	302nm, 254nm, 365nm optional. (Standard 302nm)
Filter size	197 x 147 mm
Voltage	AC 220V 50Hz
Power	8Wx6
Dimensions	W.335 x D.280 x H.137mm



Gel Instrument
SKU: BGEL-104

Gel Instrument Series 200

Specification	Gel Instrument SKU: BBRC-302
Ambient Temperature	10~37°C
Temperature uniformity	≤±0.5°C
Max. Capacity	24 Blood cards
Size (W x D x H mm)	390 x 280 x 140 mm
Voltage(V/Hz)	AC 220V/110V 50HZ/60HZ



Gel Instrument
SKU: BBRC-302

Gel Instrument Series 200

Specification	Gel Instrument SKU: BFH-3401
Capacity	24 Gel cards
Temperature	37°C
Timer	0-99min
Power	AC220V 50Hz / 110V 60Hz
Dimensions	380x220x115 mm



Gel Instrument
SKU: BFH-3401

Gel Instrument Series 300

Specification	Gel Instrument SKU: BGEL-501	Gel Instrument SKU: BGEL-502
Effective pixel	1280x1024	2560x1920
Pixel density	10 bit	10 bit
Pixel size	5.4x5.4 (μm)	5.4x5.4 (μm)
Resolution	1.4 megapixels	5.0 megapixels
Signal to noise ratio	≥56 db	≥56 db



Gel Instrument
SKU: BGEL-501



Gel Instrument
SKU: BGEL-502

GEL INSTRUMENT

HORIZONTAL GEL ELECTROPHORESIS

OVERVIEW

Horizontal gel electrophoresis systems separate nucleic acids using agarose gels. They offer different gel dimensions, sample capacities and buffer volumes, with options for built-in blue-light monitors, multi-channel pipette compatibility and adjustable timing for electrophoresis runs.

Highlights

- Multiple gel sizes
- Blue-light monitor option
- Multi-channel compatibility
- Programmable timing

For Detailed Technical Info & Accessories

Scan to view detailed technical information & accessories, or visit the link below.

CATALOG LINK

https://biolabscientific.com/content/catalogs/3902-Catalog-Biolab.pdf

Horizontal Gel Electrophoresis Series 100

Specification	Horizontal Gel Electrophoresis SKU: BER-7001	Horizontal Gel Electrophoresis SKU: BER-7101
Gel Size (W*L)	48*75mm	78*100mm
Sample volume	3.5,9.1	10,15
Buffer Volume	~150ml	~400ml
Dimension (L*W*H)	250*90*50(mm)	365*105*55(mm)
Net weight	0.4kg	0.6kg



Horizontal Gel Electrophoresis
SKU: BER-7001



Horizontal Gel Electrophoresis
SKU: BER-7101

Horizontal Gel Electrophoresis Series 200

Specification	Horizontal Gel Electrophoresis SKU: BFA-7104	Horizontal Gel Electrophoresis SKU: BGEL-401
Capacity	Max.500ml	Max.500ml
Inner diameter dimension	W.150xD.150xH.47mm	W.150xD.150xH.47mm
Multi-channel suitability	Suitable for multi-channel pipettor	Suitable for multi-channel pipettor
Timing function	1min~99h59min or contin., with pause function	1min~99h59min or contin., with pause function
Security Settings	The power is automatically paused when the cover is lifted	The power is automatically paused when the cover is lifted



Horizontal Gel Electrophoresis
SKU: BFA-7104



Horizontal Gel Electrophoresis
SKU: BGEL-401

Horizontal Gel Electrophoresis Series 200

Specification	Horizontal Gel Electrophoresis SKU: BGEL-301
Shiny surface	122 x 35mm
Wavelength	470nm
LED array	Matrix provides single-side lighting
LED lifetime	≥50000 hours
Input power	DC24V 0.75A



Horizontal Gel Electrophoresis
SKU: BGEL-301

GEL INSTRUMENT

VERTICAL GEL ELECTROPHORESIS

OVERVIEW

Vertical gel electrophoresis systems for protein separation use mini-protean cells with glass plates around 100 × 100 mm and gel sizes 82 × 88 mm. They accommodate gels 0.75–1.5 mm thick and allow one to four gels to be run simultaneously.

Highlights

- Mini vertical design
- Standard gel sizes
- Multiple gel capacity
- Adjustable gel thickness

For Detailed Technical Info & Accessories

Scan to view detailed technical information & accessories, or visit the link below.

CATALOG LINK

https://biolabscientific.com/content/catalogs/3903-Catalog-Biolab.pdf

Vertical Gel Electrophoresis Series 100

Specification	Vertical Gel Electrophoresis SKU: BER-7201	Vertical Gel Electrophoresis SKU: BER-7301
Glass plate size (WxL)	100x100 mm	100x100 mm
Gel Size (WxL)	82x88 mm	82x88 mm
Gel thickness	0.75, 1.0, 1.5 (mm)	1.0, 1.5 (mm)
Gel amount	1-2 (pieces)	1-4 (pieces)
Sample volume	(0.75mm) 11, 15 wells; (1.0mm) 11, 15wells; (1.5mm) 11, 15wells	(1.0mm) 11, 15wells; (1.5mm) 11, 15wells



Vertical Gel Electrophoresis
SKU: BER-7201



Vertical Gel Electrophoresis
SKU: BER-7301

GLASSWARE WASHER

LAB AUTOMATIC GLASSWARE WASHER

OVERVIEW

These automatic washers feature stainless-steel chambers with capacities between 120 and 420 L and one to three rack levels. Programmable cycles combine high-temperature washing, rinsing and drying. Built-in water heaters and powerful pumps ensure thorough cleaning of laboratory glassware and instruments.

Highlights

- 120–420 L capacity
- Multi-level racks
- Programmable wash cycles
- Integrated water heater

For Detailed Technical Info & Accessories

Scan to view detailed technical information & accessories, or visit the link below.

CATALOG LINK

https://biolabscientific.com/content/catalogs/6101-Catalog-Biolab.pdf

Lab Automatic Glassware Washer Series 100

TABLE 1 OF 2

Specification	Lab Automatic Glassware Washer SKU: BGLW-101	Lab Automatic Glassware Washer SKU: BGLW-102	Lab Automatic Glassware Washer SKU: BGLW-103	Lab Automatic Glassware Washer SKU: BGLW-201	Lab Automatic Glassware Washer SKU: BGLW-202
Capacity	120L	220L	320L	220L	320L
Washer Load Level	1	2	3	2	3
Water Wash Power	0.75KW	0.75KW	1.5KW	0.75KW	1.5KW
Water Heater Power	5KW	5KW / 15KW	5KW / 15KW	5KW / 15KW	5KW / 15KW
MAX. Power	6KW	6KW / 16KW	7KW / 17KW	6KW / 16KW	7KW / 17KW



Lab Automatic Glassware Washer
SKU: BGLW-101



Lab Automatic Glassware Washer
SKU: BGLW-102



Lab Automatic Glassware Washer
SKU: BGLW-103



Lab Automatic Glassware Washer
SKU: BGLW-201



Lab Automatic Glassware Washer
SKU: BGLW-202

Lab Automatic Glassware Washer Series 100

TABLE 2 OF 2

Specification	Lab Automatic Glassware Washer SKU: BGLW-203
Capacity	420L
Washer Load Level	2
Water Wash Power	1.5KW
Water Heater Power	5KW / 15KW
MAX. Power	7KW / 17KW



Lab Automatic Glassware Washer

SKU: BGLW-203

CRYOSTAT

OVERVIEW

Cryostats are histopathology instruments for rapid frozen tissue sectioning. They feature adjustable freezing chambers (about –35 to –40 °C) with quick-freeze shelves reaching –60 °C, programmable defrost and UV sterilization, and microtomes cutting sections 1 µm to 100 µm with high precision guiding rails.

Highlights

- Adjustable freezing chamber
- Rapid sectioning
- UV sterilization
- Microtome precision

For Detailed Technical Info & Accessories

Scan to view detailed technical information & accessories, or visit the link below.

CATALOG LINK

https://biolabscientific.com/content/catalogs/6401-Catalog-Biolab.pdf

Cryostat Series 100

Specification	Cryostat SKU: BHTP-102
--Voltage frequency	220-240VAC, 50Hz / 60Hz; 110-127VAC, 60Hz
--Main fuse	4A
--Power consumption (220-240VAC)	1400VA
--Power consumption (110-127VAC)	1200VA
--Freezing chamber temp range	-35°C to -40°C adjustable



Cryostat
SKU: BHTP-102

HISTOPATHOLOGY EQUIPMENT

FAST FREEZING MACHINE

OVERVIEW

Fast freezing machines for histology use semiconductor cooling to rapidly chill tissues on cryo tables and probes. These compact units offer programmable control, independent temperature settings from room temperature down to −55 °C, automatic frost and defrost, real-time displays and memory recovery functions.

Highlights

- Semiconductor cooling
- Independent cryo table
- Programmable control
- Automatic defrost

For Detailed Technical Info & Accessories

Scan to view detailed technical information & accessories, or visit the link below.

CATALOG LINK

https://biolabscientific.com/content/catalogs/6407-Catalog-Biolab.pdf

Fast Freezing Machine Series 100

Specification	Fast Freezing Machine SKU: BHTP-701
Preset temperature	Room temperature ~ -55°C
Max. cryo table temperature difference	≥60°C (Minimum temperature reaches -50°C at 25°C ambient)
Max. temp. difference for cryo probe	≥40°C (Minimum temperature reaches -20°C at 25°C ambient)
Max. size for cryo table	45x40 mm
Working voltage	AC100V~120V / AC220V~240V



Fast Freezing Machine
SKU: BHTP-701

MICROTOME

OVERVIEW

Microtomes are designed for precise sectioning of biological specimens. Rotary, semi-automatic and fully automatic models cut sections between 0 and 100 µm with adjustable increments and trimming ranges up to 600 µm, offering horizontal and vertical specimen strokes for accurate histological preparation.

Highlights

- 0–100 µm section range
- Adjustable thickness increments
- Rotary & automated models
- 20 mm horizontal stroke

For Detailed Technical Info & Accessories

Scan to view detailed technical information & accessories, or visit the link below.

CATALOG LINK

https://biolabscientific.com/content/catalogs/6402-Catalog-Biolab.pdf

Microtome Series 100

Specification	Microtome SKU: BHTP-201
Section thickness Range	0.5 µm - 100 µm (best slicing: 3-5 µm)
Section thickness setting	0.5~5µm,in 0.5µm incrementa) 5~20µm,in 1µm incrementsb) 20~60µm,in 5µm incrementsc) 60~100µm,in 10µm increments
Trimming thickness Range	1-600 µm
Trimming thickness setting	1~10µm,in 1µm increment ;a) 10~20µm,in 2µm incrementsb) 20~50µm,in 5µm increments;c) 50~100µm,in 10µm increments;d) 100~600µm,in 50µm increments;
Specimen Retraction	10-150 µm adjustable (can be closed), step 1 µm



Microtome
SKU: BHTP-201

Microtome Series 100

Specification	Microtome SKU: BHTP-202
Section thickness Range	0.5 µm - 100 µm (best slicing: 3-5 µm)
Section thickness setting	0.5~5µm,in 0.5µm incrementa) 5~20µm,in 1µm incrementsb) 20~60µm,in 5µm incrementsc) 60~100µm,in 10µm increments
Trimming thickness Range	1-600 µm
Trimming thickness setting	1-10 µm step 1 µm1~10µm,in 1µm increment ;a) 10~20µm,in 2µm incrementsb) 20~50µm,in 5µm increments;c) 50~100µm,in 10µm increments;d) 100~600µm,in 50µm increments
Specimen Horizontal stroke	20 mm



Microtome
SKU: BHTP-202

Microtome Series 100

Specification	Microtome SKU: BHTP-203
Section thickness Range	0-60 µm
Section thickness setting	0-2 um in 0.5 um -incrementsa) 2-10um in 1 um-incrementsb) 10-20 um in 2 um-incrementsc) 20-60um in 5 um-increments
Specimen Horizontal stroke	20 mm
Specimen Vertical stroke	50 mm
Slip precision	±5%



Microtome
SKU: BHTP-203

PRINTING SYSTEM

OVERVIEW

Histopathology printing systems include slide scanners, cassette and slide printers, and cover slippers. They offer high-resolution scanning up to 10000×10000 DPI, laser printing speeds of about 6 seconds per slide with dust filtration, customizable cassette printing software, and automated cover slipping for 200–400 slides per hour.

Highlights

- High-resolution slide scanning
- Fast laser printing
- Customizable cassette printing
- Automated cover slipping

For Detailed Technical Info & Accessories

Scan to view detailed technical information & accessories, or visit the link below.

CATALOG LINK

https://biolabscientific.com/content/catalogs/6405-Catalog-Biolab.pdf

Printing System Series 100

Specification	Printing System SKU: BHM-2301
-Scanner platform resolution	XY drivers 5 μm, Z autofocus 0.25 μm
-Image resolution	20x objective lens, ≤0.25 μm/pixel
-Scanning process	Automation with simple sample loading
-Light source	LED, service life >20,000 hours
-Scan process control	One-click start/stop, supports sample add-in



Printing System
SKU: BHM-2301

Printing System Series 100

Specification	Printing System SKU: BHTP-501
Printing software	Realize batch and individual printing
Print software customization	Can customize print field name
Editable print fields	≥8
Writing durability	Scratch-resistant, resistant to organic solvents
QR code size	≥6x6 mm



Printing System
SKU: BHTP-501

Printing System Series 100

Specification	Printing System SKU: BHTP-502
Printing speed	≤6 seconds/slide (≥10 slides per minute)
Air filtration system	Built-in, effectively filters printing dust
Operating system	Windows
Touch screen	Built-in color touch screen
Slide loading rack	Pluggable design to facilitate loading



Printing System
SKU: BHTP-502

Printing System Series 100

Specification	Printing System SKU: BHTP-503
Specimen slide throughput	200-400 pieces/hour
Specimen slide holders	20-30 pieces/holder
Output magazines	30 pieces/magazine
Cover slip magazine capacity	120-160 pieces/magazine
Specimen slide size	26x75 mm



Printing System
SKU: BHTP-503

Printing System Series 100

Specification	Printing System SKU: BHTP-504
Rated voltage	AV220V ±10%
Power frequency	50 ±1 Hz
Rated power	≤100 W
Speed	30 tablets/min
Slide seat	15



Printing System
SKU: BHTP-504

Printing System Series 100

Specification	Printing System SKU: BHTP-506
Resolution	10000x10000 DPI
Dynamic range	3.80 D
Scan area	24.3x36.5 mm
Scanning medium	75x25 mm section
Photo formats	TIFF, JPEG



Printing System
SKU: BHTP-506

STAINING SYSTEM

OVERVIEW

Range of tissue and slide stainers, hybridizers and immuno auto stainers. They offer programmable staining programs, large slide capacities, multiple reagent tanks, accurate temperature control for hybridization and controlled reagent dispensing for consistent results.

Highlights

- Programmable operations
- Multiple reagent tanks
- Large slide capacity
- Precise temperature control

For Detailed Technical Info & Accessories

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Staining System Series 100

Specification	Staining System SKU: BHM-1501
Number of liquid cylinders	15
First cylinder function	Automatic start-up saving cylinder
Number of cleaning tanks	3
Number of hematoxylin tanks	1 (water bath heating)
Number of differentiation tanks	1



Staining System
SKU: BHM-1501

Staining System Series 100

Specification	Staining System SKU: BHTP-401
Specimen slide throughput	At least 200 specimen slides per hour (depend on program)
Loading capacity	3-5 slides rack
Slide rack capacity	30 specimen slides
Total number of stations	26
Number of reagent stations	18



Staining System
SKU: BHTP-401

Staining System Series 100

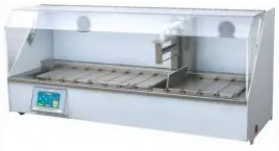
Specification	Staining System SKU: BHTP-402
Rated voltage	220V ±10% AC
Power frequency	50 ±1 Hz
Rated power	≤500 W
Reagent tanks	18 cylinders
Tank volume	1000 ml



Staining System
SKU: BHTP-402

Staining System Series 100

Specification	Staining System SKU: BHTP-403
Editable programs	16 sets, programmable arbitrarily
Processing volume per cylinder	1000 ml
Loading capacity	65 pieces each time
Single-cylinder processing time	0~99 min 99 sec
Number of shaking adjustments	Adjustable



Staining System
SKU: BHTP-403

Staining System Series 100

Specification	Staining System SKU: BHTP-405
Slides Capacity	48
Reagents Capacity	64
Minimum dropping reagent	50 µl
Dropping reagent increment	50 µl, 100 µl, 150 µl, 200 µl
Maximal output power	≤350 VA



Staining System
SKU: BHTP-405

Staining System Series 100

Specification	Staining System SKU: BHTP-406
Slides Capacity	48 pcs
Reagents Capacity	48 pcs
Reagent Usage	50-600 µl
Operation Temperature	Ambient
Dimension (LxWxD)	107x69x58 cm



Staining System
SKU: BHTP-406

Staining System Series 100

Specification	Staining System SKU: BHTP-407
Temperature control range	RT+5 °C ~ 100 °C
Temperature set range	0 °C ~ 100 °C
Accuracy of temperature	≤ ±1 °C
Temperature stability	≤ ±1 °C
Heating time	≤2 min (37 °C to 95 °C)



Staining System
SKU: BHTP-407

HISTOPATHOLOGY EQUIPMENT

TISSUE EMBEDDING SYSTEM

OVERVIEW

Tissue embedding systems comprise water baths, baking processors, paraffin dispensers and embedding consoles. They offer temperature ranges from ambient to about 70-99 °C with ±1 °C precision, wax capacities up to 10 L and adjustable workstations to support paraffin embedding in histology labs.

Highlights

- Modular system
- Precise temperature control
- Large wax capacity
- Embedding workstation

For Detailed Technical Info & Accessories

Scan to view detailed technical information & accessories, or visit the link below.

CATALOG LINK

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Tissue Embedding System Series 100

Specification	Tissue Embedding System SKU: BHTP-601
--Nominal supply voltage	220V/50Hz
--Maximum power draw	800-1000 W
--Working temperature	Ambient to 99 °C, increments 1 °C
--Capacity (Paraffin reservoir)	6.0 L
--Capacity (Cassette/mold tray)	1.6 L



Tissue Embedding System
SKU: BHTP-601

Tissue Embedding System Series 100

Specification	Tissue Embedding System SKU: BHTP-602
--Nominal supply voltage	220V/50Hz or 110V/60Hz
--Maximum power draw	600-800 W
--Working temperature	Ambient to 99 °C
--Increments	1 °C
--Capacity (Paraffin reservoir)	3.2 L



Tissue Embedding System
SKU: BHTP-602

Tissue Embedding System Series 100

Specification	Tissue Embedding System SKU: BHTP-603
--Wax cylinder volume	6 L
--Dimensions	600x650x450 mm
--Weight	40 kg
--Voltage	220V 50Hz
--Power	1500 W



Tissue Embedding System
SKU: BHTP-603

Tissue Embedding System Series 100

Specification	Tissue Embedding System SKU: BHTP-604
Range of temperature	Ambient to 70 °C
Precision	±1 %
Voltage & Power	AC220V 50Hz / AC110V 60Hz, Power: 1200VA
Capacity	10000 ml
Dimension	350x450x510 mm



Tissue Embedding System
SKU: BHTP-604

Tissue Embedding System Series 100

Specification	Tissue Embedding System SKU: BHTP-606	Tissue Embedding System SKU: BHTP-607
Range of setting temperature	Ambient to 90 °C (constant adjusting)	Ambient to 90 °C (constant adjusting)
Temperature precise error	±2 °C	±2 °C
Allowance ambient temperature	0-40 °C	0-40 °C
Working voltage	220V / 50Hz	220V / 50Hz
Power	200 W	250 W



Tissue Embedding System
SKU: BHTP-606



Tissue Embedding System
SKU: BHTP-607

Tissue Embedding System Series 100

Specification	Tissue Embedding System SKU: BHTP-608
Dimension (WxDxH)	510x340x220 mm
Dimension of Water Bath (WxDxH)	190x140x70 mm
Temperature control range	Three parts adjustable 30-90 °C, automatic constant temperature
Net Weight	11 kg
--Packing	Wooden Case



Tissue Embedding System
SKU: BHTP-608

Tissue Embedding System Series 100

Specification	Tissue Embedding System SKU: BHTP-609
Capacity	2.5 L
Temperature range	RT to 75 °C
Outside Size	270 mm (D) x 210 mm (H)
Interior Size	210 mm (D) x 65 mm (H)
Power consumption	400 W



Tissue Embedding System
SKU: BHTP-609

HISTOPATHOLOGY EQUIPMENT

TISSUE PROCESSOR

OVERVIEW

Automated tissue processors feature multiple reagent and wax stations with tank volumes of 1–2.3 L and basket capacities handling 60–200 specimens. Processing times are programmable from minutes to hours, and models include spin, vacuum and double-basket options for varied histology workflows.

Highlights

- Multiple reagent stations
- Adjustable processing time
- Large specimen capacity
- Vacuum and spin options

For Detailed Technical Info & Accessories

Scan to view detailed technical information & accessories, or visit the link below.

CATALOG LINK

https://biolabscientific.com/content/catalogs/6403-Catalog-Biolab.pdf

Tissue Processor Series 100

Specification	Tissue Processor SKU: BHTP-301	Tissue Processor SKU: BHTP-302	Tissue Processor SKU: BHTP-303
Reagent bottle capacity	4.8 L	3.2 L	2.3 L
Retort volume	6.8 L	5.3 L	3.8 L
Wax cylinder volume	5.5 L	4.3 L	2.6 L
Reagent temperature range	30-65 °C	30-65 °C	30-65 °C
Wax bath temperature	50-70 °C	50-70 °C	50-70 °C



Tissue Processor
SKU: BHTP-301



Tissue Processor
SKU: BHTP-302



Tissue Processor
SKU: BHTP-303

Tissue Processor Series 100

Specification	Tissue Processor SKU: BHTP-304
Carousel type	12 stations (9 reagent, 3 wax)
Basket loading	Two basket loading
Capacity	2.3 L reagent, 1.8 L wax parafin
Temperature of wax container	60-99°C
Material & capacity	Metal baskets up to 100 cassettes



Tissue Processor
SKU: BHTP-304

Tissue Processor Series 100

Specification	Tissue Processor SKU: BHTP-305
Steps of processing tissue	12 steps
Glass container	9 pcs, 1.2 L each
Wax cup	3 pcs, 1 L each
Temperature range	60-99°C
Processing time	0-59 hr 59 min



Tissue Processor
SKU: BHTP-305

Tissue Processor Series 100

Specification	Tissue Processor SKU: BHTP-306
Volume of individual reagent containers	2000 ml
Number of reagent containers	14 pcs
Hanging basket filtrate time	Time can be adjusted arbitrarily
Number of dehydrated tissues	About 200 pcs (100 pcs in a single hanging basket)
Processing time in a single container	0~99 hours adjustable



Tissue Processor
SKU: BHTP-306

Tissue Processor Series 100

Specification	Tissue Processor SKU: BHTP-307
Number of liquid cylinders	12 (3 of which are wax cylinders)
Single cylinder volume	2200 ml
Basket capacity	125 specimens
Single cylinder working time	0~24 hours, arbitrarily set
Temperature setting	0~99 °C, arbitrary setting



Tissue Processor
SKU: BHTP-307

Tissue Processor Series 100

Specification	Tissue Processor SKU: BHTP-308
Number of Tanks	12 tanks (3 wax tanks in the end)
Capacity of single tank	1500 ml
Basket capacity	75 specimens
Single-tank processing time	0~99 hours, randomly set
Wax cylinder temperature	Up to 99 °C



Tissue Processor
SKU: BHTP-308

Tissue Processor Series 100

Specification	Tissue Processor SKU: BHTP-309
Number of tanks	12 tanks (3 wax cylinders in the end)
Capacity of single tank	1000 ml
Cylinder start dwell time	45~100 seconds
Basket capacity	60 specimens
Single-tank processing time	0~99 hours, arbitrarily set



Tissue Processor
SKU: BHTP-309

HOSPITAL BED

CHILDREN MEDICAL BED

OVERVIEW

Children's medical beds are designed with cold-rolled steel frames and stamped steel boards to provide safe, durable support for pediatric patients. Models offer one- to three-function operation with adjustable back and foot sections, height adjustment from approximately 480–720 mm and load capacities around 150 kg

Highlights

- Adjustable back and foot sections
- Height-adjustable frame
- Steel construction
- Pediatric dimensions

For Detailed Technical Info & Accessories

Scan to view detailed technical information & accessories, or visit the link below.

CATALOG LINK

https://biolabscientific.com/content/catalogs/4001-Catalog-Biolab.pdf

Children medical Bed Series 100

Specification	Children medical Bed SKU: BHBD-104	Children medical Bed SKU: BHBD-105
Function	3	3
Back-rest lifting angle	0°-80°±5°	0°-80°±5°
Foot-rest lifting angle	0°-40°±5°	0°-40°±5°
Height adjustment	480~720 mm (without mattress)	480~720 mm (without mattress)
IV pole	Yes	Yes



Children medical Bed
SKU: BHBD-104



Children medical Bed
SKU: BHBD-105

Children medical Bed Series 200

Specification	Children medical Bed SKU: BHBD-106
Size	1770 x 900 x 550 mm
Bed Material	Bed head and frame made of cold-rolled steel pipes; bed board made of 1.5 mm one-time stamped cold-rolled steel plate
Guardrail Material	Cold-rolled steel round tubes
Rocker Design	Hidden rocker design, easy to operate
Rocker Material	Stainless steel tube + ABS reinforced plastic material, high support force



Children medical Bed
SKU: BHBD-106

Children medical Bed Series 200

Specification	Children medical Bed SKU: BHBD-107
Load Bearing	150 kg
Dimension	1770x900 mm
Packing Dimension (assembled)	wooden carton: 1880x980x1450 mm
Packing Dimension (detached)	carton: 1880x1020x310 mm



Children medical Bed
SKU: BHBD-107

HOSPITAL BED

DELIVERY TABLE

OVERVIEW

Delivery tables support obstetric and gynecological procedures. Models feature adjustable back, seat and height sections, stainless steel auxiliary tables, hidden sewage basins and either manual or motorized controls. Heights typically adjust from roughly 400 to 900 mm and Trendelenburg positions assist patient positioning.

Highlights

- Adjustable positions
- Auxiliary table
- Manual or motorized
- Hidden sewage basin

For Detailed Technical Info & Accessories

Scan to view detailed technical information & accessories, or visit the link below.

CATALOG LINK

https://biolabscientific.com/content/catalogs/4002-Catalog-Biolab.pdf

Delivery table Series 100

Specification	Delivery table SKU: BHBD-206
Function	Multi
Back-rest lifting angle	≥20°
Back section up adjusted	≥60°
Seat board upwards	≥8°
Seat board downwards	≥10°



Delivery table
SKU: BHBD-206

Delivery table Series 200

Specification	Delivery table SKU: BHBD-204
Back board length	900 mm
Seat board length	400 mm
Table width	600 mm
Trendelenburg/rev-trend	≥10°/≥12°
Backboard Adjustment	≥45°



Delivery table
SKU: BHBD-204

Delivery table Series 200

Specification	Delivery table SKU: BHBD-208
Table Length	2000+50 mm
Table width	600+10 mm
Height Adjustment	(650-900)+50 mm
Trendelenburg/rev-trend	≥10°/≥12°
Backboard upward	≥50°



Delivery table
SKU: BHBD-208

Delivery table Series 200

Specification	Delivery table SKU: BHBD-209
Table Length	1270+50 mm
Table width	550+30 mm
Height Adjustment	(700-1000)+50 mm
Trendelenburg/rev-trend	≥5°/≥12°
Backboard downward	≥40°



Delivery table
SKU: BHBD-209

Delivery table Series 200

Specification	Delivery table SKU: BHBD-210
Table Length	1300+50 mm
Table width	550+30 mm
Height Adjustment	(700 950)+50 mm
Trendelenburg/rev-trend	≥3°/≥10°
Dimension of auxiliary platform	(350x450)+20 mm



Delivery table
SKU: BHBD-210

Delivery table Series 200

Specification	Delivery table SKU: BHBD-211
Table Length	1450+50 mm
Table width	520+30 mm
Height Adjustment	(400 900)+50 mm
Trendelenburg/rev-trend	≥15°/≥25°
Standard Accessory	A pair of arm rods, a pair of leg support, a stainless steel sewage basin



Delivery table
SKU: BHBD-211

HOSPITAL BED

DIALYSIS BED

OVERVIEW

Dialysis beds are designed for patient comfort during hemodialysis. They incorporate adjustable back-rest and leg angles, sturdy powder-coated steel frames with removable ABS boards, aluminium side rails with safety locks, large casters with brakes and accessories like IV poles, ensuring safe and ergonomic support.

Highlights

- Adjustable back & leg
- Sturdy steel frame
- Safety side rails
- Casters with brakes

For Detailed Technical Info & Accessories

Scan to view detailed technical information & accessories, or visit the link below.

CATALOG LINK

https://biolabscientific.com/content/catalogs/4003-Catalog-Biolab.pdf

Dialysis Bed Series 100

Specification	Dialysis Bed SKU: BHBD-302	Dialysis Bed SKU: BHBD-303
Function	2	2
Back-rest lifting angle	0°-80°±5°	0°-80°±5°
Foot-rest lifting angle	0°-40°±5°	0°-40°±5°
IV pole	Yes	Yes
Dimension	2160Lx980Wx500H mm	2160Lx980Wx500H mm



Dialysis Bed
SKU: BHBD-302



Dialysis Bed
SKU: BHBD-303

HOSPITAL BED

ELECTRIC HOSPITAL BED

OVERVIEW

Electric hospital beds feature motorized backrest, knee and height adjustments for patient positioning. Powder-coated steel frames with ABS plastic components and battery backup support reliability, while smooth-rolling castors with brakes and integrated safety side rails enhance patient security.

Highlights

- Motorized adjustment
- Durable steel frame
- Battery backup
- Locking castors

For Detailed Technical Info & Accessories

Scan to view detailed technical information & accessories, or visit the link below.

CATALOG LINK

https://biolabscientific.com/content/catalogs/4004-Catalog-Biolab.pdf

Electric Hospital Bed Series 100

Specification	Electric Hospital Bed SKU: BGW-1301
Material	Powder coated steel bed frame, top class ABS & PP plastic
Overall dimension	2115mm(L)*1045mm(W)*477mm - 745mm
Bed board dimension	1940mm(L)*900mm(W)
Functions	5 functions with 4 electric actuators are controlled by the hand control. Backrest: 0 - 65°; Knee gatch: 0 - 40°; Trendelenburg: 0 - 12°; Rev. Trendelenburg: 0 - 12°; HI-LOW: 745mm - 477mm
Protective railings	4 damping PP protective railings with built-in angle indicators, controlled by gas springs. When protective railings fall and retract under the bed board, can achieve seamless connection with the transfer stretcher.



Electric Hospital Bed
SKU: BGW-1301

Electric Hospital Bed Series 100

Specification	Electric Hospital Bed SKU: BHBD-403
Material	Powder coated steel bed frame, top class ABS & PP plastic
Overall dimension	2160 mm (L) * 1050 mm (W) * 450 mm - 665 mm
Bed board dimension	1940 mm (L) * 900 mm (W)
Functions	Three functions controlled by hand control, with battery backup
Backrest	0 - 70°



Electric Hospital Bed
SKU: BHBD-403

Electric Hospital Bed Series 100

Specification	Electric Hospital Bed SKU: BHBD-405	Electric Hospital Bed SKU: BHBD-406	Electric Hospital Bed SKU: BHBD-407
Material	Powder coated steel bed frame, top class ABS & PP plastic	Powder coated steel bed frame, top class ABS & PP plastic	Powder coated steel bed frame, top class ABS & PP plastic
Overall dimension	2115 mm (L) * 1045 mm (W) * 477 mm - 745 mm	2240 mm (L) * 1050 mm (W) * 500 mm - 750 mm	2280 mm (L) * 1050 mm (W) * 500 mm - 750 mm
Bed board dimension	1940 mm (L) * 900 mm (W)	1940 mm (L) * 900 mm (W)	1940 mm (L) * 900 mm (W)
Backrest	0 - 65°	0 - 65°	0 - 65°
Knee gatch	0 - 40°	0 - 40°	0 - 40°



Electric Hospital Bed
SKU: BHBD-405



Electric Hospital Bed
SKU: BHBD-406



Electric Hospital Bed
SKU: BHBD-407

Electric Hospital Bed Series 200

Specification	Electric Hospital Bed SKU: BHBD-408	Electric Hospital Bed SKU: BHBD-411
Function	2	2
Back-rest lifting angle	0°-80°±5°	0°-80°±5°
Foot-rest lifting angle	0°-40°±5°	0°-40°±5°
IV pole	Yes	Yes
Dimension	2120Lx970Wx500H mm	2260Lx1060Wx500H mm



Electric Hospital Bed
SKU: BHBD-408



Electric Hospital Bed
SKU: BHBD-411

Electric Hospital Bed Series 200

Specification	Electric Hospital Bed SKU: BHBD-410	Electric Hospital Bed SKU: BHBD-414
Function	3	3
Back-rest lifting angle	0°-80°±5°	0°-80°±5°
Foot-rest lifting angle	0°-40°±5°	0°-40°±5°
Height adjustment	430-720 mm (without mattress)	430-720 mm (without mattress)
IV pole	Yes	Yes



Electric Hospital Bed
SKU: BHBD-410



Electric Hospital Bed
SKU: BHBD-414

Electric Hospital Bed Series 200

Specification	Electric Hospital Bed SKU: BHBD-412	Electric Hospital Bed SKU: BHBD-415	Electric Hospital Bed SKU: BHBD-417	Electric Hospital Bed SKU: BHBD-418
Function	5	5	5	5
Back-rest lifting angle	0°-80°±5°	0°-80°±5°	0°-80°±5°	0°-80°±5°
Foot-rest lifting angle	0°-40°±5°	0°-40°±5°	0°-40°±5°	0°-40°±5°
Trendelenburg	0°~12°	0°~12°	0°~12°	0°~12°
Reverse trendelenburg	0°~12°	0°~12°	0°~12°	0°~12°



Electric Hospital Bed
SKU: BHBD-412



Electric Hospital Bed
SKU: BHBD-415



Electric Hospital Bed
SKU: BHBD-417



Electric Hospital Bed
SKU: BHBD-418

Electric Hospital Bed Series 300

Specification	Electric Hospital Bed SKU: BHBD-205
Length	1950+50 mm
Width	800+50 mm
Height Adjustment	(550~800)+50 mm
Trendelenburg/rev-trend	≥5°/≥12°
Backboard upward	≥60°



Electric Hospital Bed
SKU: BHBD-205

Electric Hospital Bed Series 300

Specification	Electric Hospital Bed SKU: BHBD-401
Back-rest lifting angle	0°~75°
Foot-rest lifting angle	0°~45°
Trendelenburg	0°~10°
Reverse trendelenburg	0°~10°
Load Bearing	250 kg



Electric Hospital Bed
SKU: BHBD-401

Electric Hospital Bed Series 400

Specification	Electric Hospital Bed SKU: BHBD-419
Size	2200*1100*420/780mm
Back-rest Adjustment	65°(±10°)
Knee-rest Adjustment	35°(±10°)
Trendelenburg	0-12°
Reverse Trendelenburg	0-12°



Electric Hospital Bed
SKU: BHBD-419

Electric Hospital Bed Series 400

Specification	Electric Hospital Bed SKU: BHBD-420
Size	1950 x 910 x 440/800 mm
Height Adjustment	440-800 mm
Back-rest Adjustment	65°
Knee-rest Adjustment	35°
Trendelenburg	12°



Electric Hospital Bed
SKU: BHBD-420

Electric Hospital Bed Series 400

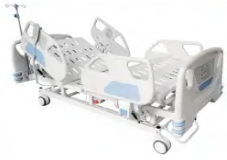
Specification	Electric Hospital Bed SKU: BHBD-421
Size	2200*1050*500/830mm
Back section adjustment	65°
Leg section adjustment	35°
Head tilt	≥12°
Foot tilt	≥15°



Electric Hospital Bed
SKU: BHBD-421

Electric Hospital Bed Series 400

Specification	Electric Hospital Bed SKU: BHBD-422
Size	2270-1050-460/730mm
Back Section	0°-75°
Leg Section	0°-45°
Trendlenburg	12°
Anti-Trendlenburg	12°



Electric Hospital Bed
SKU: BHBD-422

HOSPITAL BED

MANUAL HOSPITAL BED

OVERVIEW

Manual hospital beds feature sturdy powder-coated steel frames with ABS head and foot boards, side rails and IV poles. Their crank-operated back and foot sections provide reliable patient positioning and comfort, with typical bed capacities around 240 kg.

Highlights

- Manual crank adjustability
- Durable steel frame
- ABS head/foot boards
- Side rails & IV pole

For Detailed Technical Info & Accessories

Scan to view detailed technical information & accessories, or visit the link below.

CATALOG LINK

https://biolabscientific.com/content/catalogs/4005-Catalog-Biolab.pdf

Manual Hospital Bed Series 100

Specification	Manual Hospital Bed SKU: BHBD-509	Manual Hospital Bed SKU: BHBD-510	Manual Hospital Bed SKU: BHBD-511
Material	Powder coated steel bed frame, top class ABS & PP plastic	Powder coated steel bed frame, top class ABS & PP plastic	Powder coated steel bed frame, top class ABS & PP plastic
Overall dimension	2080 mm (L) * 980 mm (W) * 470 mm (H)	2160 mm (L) * 970 mm (W) * 575 mm - 750 mm	2120 mm (L) * 1055 mm (W) * 505 mm - 665 mm
Bed board dimension	1910 mm (L) * 830 mm (W)	1930 mm (L) * 830 mm (W)	1930 mm (L) * 900 mm (W)
Functions	Two functions controlled by cranks	Three functions controlled by cranks	Five functions activated by cranks
Backrest	0 - 75°	0 - 65°	0 - 60°



Manual Hospital Bed
SKU: BHBD-509



Manual Hospital Bed
SKU: BHBD-510



Manual Hospital Bed
SKU: BHBD-511

Manual Hospital Bed Series 200

Specification	Manual Hospital Bed SKU: BHBD-512
Back-rest lifting angle	0°-75°
Foot-rest lifting angle	0°-35°
IV pole	Yes
Dimension	2160Lx980Wx500H mm



Manual Hospital Bed
SKU: BHBD-512

Manual Hospital Bed Series 200

Specification	Manual Hospital Bed SKU: BHBD-515	Manual Hospital Bed SKU: BHBD-517	Manual Hospital Bed SKU: BHBD-519
Function	2	2	2
Back-rest lifting angle	0°-80°±5°	0°-80°±5°	0°-80°±5°
Foot-rest lifting angle	0°-40°±5°	0°-40°±5°	0°-40°±5°
IV pole	Yes	Yes	Yes
Dimension	2150Lx980Wx500H mm	2160Lx980Wx500 mm	2220Lx1060Wx500 mm



Manual Hospital Bed
SKU: BHBD-515



Manual Hospital Bed
SKU: BHBD-517



Manual Hospital Bed
SKU: BHBD-519

Manual Hospital Bed Series 200

Specification	Manual Hospital Bed SKU: BHBD-516	Manual Hospital Bed SKU: BHBD-520
Function	3	3
Back-rest lifting angle	0°-80°±5°	0°-80°±5°
Foot-rest lifting angle	0°-40°±5°	0°-40°±5°
Height adjustment	430~720 mm	450~740 mm
IV pole	Yes	Yes



Manual Hospital Bed
SKU: BHBD-516



Manual Hospital Bed
SKU: BHBD-520

Manual Hospital Bed Series 300

Specification	Manual Hospital Bed SKU: BHBD-203
Length	1950+50 mm
Width	600+50 mm
Height Adjustment	(750~950)+50 mm
Working arealength/width	650x600 mm
Backboard upward	≥50°



Manual Hospital Bed
SKU: BHBD-203

Manual Hospital Bed Series 300

Specification	Manual Hospital Bed SKU: BHBD-526
Table Length	1900±50 mm
Table width	600±20 mm
Height Adjustment	750±50 mm
Back board upwards	≥50°
Backboard downward	≥15°



Manual Hospital Bed
SKU: BHBD-526

Manual Hospital Bed Series 400

Specification	Manual Hospital Bed SKU: BHBD-521
Size	2150*900*500mm
Material	ABS plastic with punching



Manual Hospital Bed
SKU: BHBD-521

Manual Hospital Bed Series 400

Specification	Manual Hospital Bed SKU: BHBD-522
Specification (L x W x H)	2150 x 960 x 500 mm
Back Adjustment	≥ 75°
Leg Adjustment	≥ 35°
Load Capacity	240 kg
Bed Frame	Made of 80 x 40 x 1.5 mm formed square tubes, robot-welded; strong structure capable of carrying ≥ 240 kg



Manual Hospital Bed
SKU: BHBD-522

Manual Hospital Bed Series 400

Specification	Manual Hospital Bed SKU: BHBD-523
Size	2150*960*500mm
Back section adjustment	≥75°
Loading capacity	≥240kg
Uraine hook	Yes
Bumpers	Yes



Manual Hospital Bed
SKU: BHBD-523

Manual Hospital Bed Series 400

Specification	Manual Hospital Bed SKU: BHBD-524
Size (L x W x H)	2280 x 1120 x 420/780 mm
Height Adjustment	420-780 mm
Back-rest Adjustment	65° (±10°)
Knee-rest Adjustment	35° (±10°)
Weight Loading Capacity	> 240 kg



Manual Hospital Bed
SKU: BHBD-524

Manual Hospital Bed Series 400

Specification	Manual Hospital Bed SKU: BHBD-525
Size (L x W x H)	2200 x 1020 x 420/780 mm
Back-rest Adjustment	65° (±10°)
Knee-rest Adjustment	35° (±10°)
Height Range	420-780 mm



Manual Hospital Bed
SKU: BHBD-525

HOSPITAL BED

ORTHOPEDIC TRACTION BED

OVERVIEW

Orthopedic traction beds provide a stable platform for patient positioning and traction procedures. The sturdy frame supports high weights, while adjustable backrest and leg sections allow comfortable alignment. Integrated traction components and accessories accommodate a range of orthopaedic treatments.

Highlights

- Adjustable backrest
- Adjustable leg support
- High weight capacity
- Traction attachments

For Detailed Technical Info & Accessories

Scan to view detailed technical information & accessories, or visit the link below.

CATALOG LINK

https://biolabscientific.com/content/catalogs/4006-Catalog-Biolab.pdf

Orthopedic Traction Bed Series 100

Specification	Orthopedic Traction Bed SKU: BHBD-606
Bed size	2150*960*500mm
Back adjustment	>60° ±5°
Leg adjustment	>35° ±5°
Bearing capacity	≥240kg
Uraine hook	Yes



Orthopedic Traction Bed
SKU: BHBD-606

HOSPITAL BED

STAINLESS STEEL BED

OVERVIEW

Stainless steel flat hospital bed featuring a spray-coated head frame and integrated steel construction. The bed measures approximately 2030×900×500 mm and supports loads of 240 kg or more, providing a durable patient support platform.

Highlights

- Stainless steel build
- Spray-coated head frame
- 2030×900×500 mm size
- ≥240 kg capacity

For Detailed Technical Info & Accessories

Scan to view detailed technical information & accessories, or visit the link below.

CATALOG LINK

https://biolabscientific.com/content/catalogs/4007-Catalog-Biolab.pdf

Stainless Steel Bed Series 100

Specification	Stainless Steel Bed SKU: BHBD-709
Size	2030 x 900 x 500 mm
Spray coating head frame	Φ 38 x 1.5 mm
Bearing capacity	≥ 240 kg



Stainless Steel Bed
SKU: BHBD-709

HOSPITAL BED

STRECHER

OVERVIEW

Variety of hospital transfer stretchers built from thickened stainless steel and fitted with integrated mattresses. Models include manual or hydraulic transfer, docking or connecting designs and offer adjustable height ranges with reclining backrests to support patient transport up to ~250 kg.

Highlights

- Stainless steel frame
- Adjustable height & backrest
- Manual/hydraulic transfer
- Integrated mattress

For Detailed Technical Info & Accessories

Scan to view detailed technical information & accessories, or visit the link below.

CATALOG LINK

https://biolabscientific.com/content/catalogs/4008-Catalog-Biolab.pdf

Strecher Series 100

Specification	Strecher SKU: BHBD-815
Overall Size	2013*700 mm (L*W)
Height Range (bed board to ground)	862 - 566 mm
Bed Board	1906*610 mm (L*W)
Backrest	0 - 85°
Side rails	Smooth, fast self-lowering mechanism with dampening system; connects without gap to operation table/bed



Strecher
SKU: BHBD-815

Strecher Series 100

Specification	Strecher SKU: BHBD-816
Overall dimension	1970*685 mm (L*W)
Height range (bed board to ground)	791 - 509 mm
Bed board dimension	1970*685 mm (L*W)
Backrest	0 - 89°
Side rails	Multifunctional rotary PP side rails, act as transfer board, fixable at horizontal level for IV/admin use



Strecher
SKU: BHBD-816

Strecher Series 100

Specification	Strecher SKU: BHBD-817
Overall dimension (connected)	3870*840 mm (L*W)
Height range (bed board C to ground)	660 - 910 mm
Bed board C dimension	1906*610 mm (L*W)
Backrest	0 - 85°
Protective railings	Damping PP protective railings, lifting controlled by gas spring. Seamless connection with stretcher/operation table



Strecher
SKU: BHBD-817

Strecher Series 100

Specification	Strecher SKU: BHBD-818
Overall dimension	1906*743 mm (L*W)
Height range (bed board to ground)	813 - 590 mm
Bed board dimension	1906*610 mm (L*W)
Backrest	0 - 85°
Trend/Reverse Trend	0 - 12°



Strecher
SKU: BHBD-818

Strecher Series 100

Specification	Strecher SKU: BHBD-819
Overall dimension	2050*745 mm (L*W)
Height range (bed board to ground)	860 - 630 mm
Bed board dimension	1932*630 mm (L*W)
Backrest	0 - 85°
Knee gatch	0 - 50°



Strecher
SKU: BHBD-819

Strecher Series 200

Specification	Strecher SKU: BHBD-810
Frame Material	Thickened 202 stainless steel
Mattress Material	Leather (integrated leather pad)
Mattress Size	1750-500 mm, thickness 4 cm
Product Size	1900 x 600 x 750 mm
Wheel Features	Universal anti-skid wheels (two with brakes, two without brakes)



Strecher
SKU: BHBD-810

Strecher Series 200

Specification	Strecher SKU: BHBD-812
Hi-Low range	920mm-610mm
Weight	89 kgs



Strecher
SKU: BHBD-812

Strecher Series 200

Specification	Strecher SKU: BHBD-813
- Size	1790x450 mm
- Height	570~850 mm
- Movements distance	280±20 mm (manual)



Strecher
SKU: BHBD-813

Strecher Series 200

Specification	Strecher SKU: BHBD-814
Size	2140*810*630/930mm
Back angle	0°-90°
Leg angle	0°-30°
Load bearing	250kg
Regulation of tilt	0°-15°



Strecher
SKU: BHBD-814

WHEELCHAIR

OVERVIEW

The wheelchair range covers manual and electric models for patient transport and lifting. Manual chairs feature folding frames in multiple widths and heights, while electric lift and toilet chairs provide power-assisted height adjustment with 150 kg capacity and silent motors for safer transfers.

Highlights

- Manual and electric
- Folding frame sizes
- 150 kg capacity
- Height-adjustable lift

For Detailed Technical Info & Accessories

Scan to view detailed technical information & accessories, or visit the link below.

CATALOG LINK

https://biolabscientific.com/content/catalogs/4009-Catalog-Biolab.pdf

Wheelchair Series 100

TABLE 1 OF 2

Specification	Wheelchair SKU: BHBD-902	Wheelchair SKU: BHBD-903	Wheelchair SKU: BHBD-904	Wheelchair SKU: BHBD-905	Wheelchair SKU: BHBD-906
Wheelchair length	970 mm	1020 mm	950 mm	855 mm	1250 mm
Opened wheelchair width	660 mm	630 mm	540 mm	535 mm	690 mm
Wheelchair Height	920 mm	890 mm	870 mm	855 mm	1210 mm
Closed wheelchair width	350 mm	345 mm	280 mm	250 mm	365 mm
Seat Width	430 mm	430 mm	405 mm	450 mm	450 mm



Wheelchair
SKU: BHBD-902



Wheelchair
SKU: BHBD-903



Wheelchair
SKU: BHBD-904



Wheelchair
SKU: BHBD-905



Wheelchair
SKU: BHBD-906

Wheelchair Series 100

TABLE 2 OF 2

Specification	Wheelchair SKU: BHBD-907	Wheelchair SKU: BHBD-908	Wheelchair SKU: BHBD-909	Wheelchair SKU: BHBD-910	Wheelchair SKU: BHBD-911
Wheelchair length	1055 mm	830 mm	1180 mm	1055 mm	1050 mm
Opened wheelchair width	650 mm	580 mm	660 mm	670 mm	685 mm
Wheelchair Height	920 mm	780 mm	1320 mm	880 mm	940 mm
Closed wheelchair width	350 mm	350 mm	360 mm	500 mm	420 mm
Seat Width	455 mm	360 mm	460 mm	445 mm	445 mm



Wheelchair
SKU: BHBD-907



Wheelchair
SKU: BHBD-908



Wheelchair
SKU: BHBD-909



Wheelchair
SKU: BHBD-910



Wheelchair
SKU: BHBD-911

Wheelchair Series 100

Specification	Wheelchair SKU: BHBD-912
Total Length	1000 mm
Total Width	620 mm
Total Height	890 mm
Seat Depth	400 mm
Seat Width	460 mm



Wheelchair
SKU: BHBD-912

Wheelchair Series 200

TABLE 1 OF 2

Specification	Wheelchair SKU: BHBD-1101	Wheelchair SKU: BHBD-1102	Wheelchair SKU: BHBD-1103	Wheelchair SKU: BHBD-1104	Wheelchair SKU: BHBD-1105
Material	Iron, Plastic	Iron, Plastic	Iron, Plastic, Nylon	Iron, Plastic, Nylon	Steel, PU
Maximum loading weight	150 kg	150 kg	150 kg	150 kg	150 kg
Lifting Range	25 cm, from 40 cm to 65 cm.	33 cm, from 40 cm to 73 cm.	25 cm, from 40 cm to 65 cm.	Seat: 33 cm, from 40 cm to 73 cm. Upper lifting: 29 cm	Seat: 30 cm, from 40 cm to 70 cm.
Wheel	Two front wheels are with brake	Two front wheels are with brake	Two front wheels are with brake	Two front wheels are with brake	Two front wheels are with brake
Door width, chair can pass it	At least 55 cm	At least 55 cm	At least 55 cm	At least 55 cm	At least 58 cm



Wheelchair
SKU: BHBD-1101



Wheelchair
SKU: BHBD-1102



Wheelchair
SKU: BHBD-1103



Wheelchair
SKU: BHBD-1104



Wheelchair
SKU: BHBD-1105

Wheelchair Series 200

TABLE 2 OF 2

Specification	Wheelchair SKU: BHBD-1106
Material	Steel, PU, Silicone cushion
Maximum loading weight	150 kg
Lifting Range	Seat: 30 cm, from 40 cm to 70 cm.
Wheel	Two front wheels are with brake
Door width, chair can pass it	At least 58 cm



Wheelchair
SKU: BHBD-1106

Wheelchair Series 200

Specification	Wheelchair SKU: BHBD-1201	Wheelchair SKU: BHBD-1202	Wheelchair SKU: BHBD-1203	Wheelchair SKU: BHBD-1204
Material	Iron, Plastic	Iron, Plastic	Iron, Plastic	Iron, Plastic
Seat height	From 45 to 75 cm	From 45 to 75 cm	From 45 to 75 cm	From 45 to 75 cm
Weight Capacity	150 kg	150 kg	150 kg	150 kg
Noise	Almost silent electric motor when operation	Almost silent electric motor when operation	Almost silent electric motor when operation	Almost silent electric motor when operation
Inclination angle	15°-16°	15°-16°	15°-16°	15°-16°



Wheelchair
SKU: BHBD-1201



Wheelchair
SKU: BHBD-1202



Wheelchair
SKU: BHBD-1203



Wheelchair
SKU: BHBD-1204

ICE MAKER

BULLET ICE MAKER

OVERVIEW

Vertical bullet ice makers produce cylindrical ‘bullet’ ice suitable for laboratories and hospitality applications. Models output between 20 and 120 kg of ice per 24 hours, with onboard storage ranging from 6 to 50 kg and energy consumption scaling with capacity

Highlights

- Bullet-shaped ice
- 20–120 kg/day output
- Integrated storage bins
- Vertical cabinet design

For Detailed Technical Info & Accessories

Scan to view detailed technical information & accessories, or visit the link below.

CATALOG LINK

https://biolabscientific.com/content/catalogs/2201-Catalog-Biolab.pdf

Bullet Ice Maker Series 100

Specification	Bullet Ice Maker SKU: BIBU-101	Bullet Ice Maker SKU: BIBU-102	Bullet Ice Maker SKU: BIBU-104	Bullet Ice Maker SKU: BIBU-109	Bullet Ice Maker SKU: BIFL-212
Ice making capacity	20kg/24h	25kg/24h	50kg/24h	80kg/24h	120kg/24h
Power/voltage	220w	240w	380w	580w	760w
Ice storage capacity	6kg	7kg	14kg	25kg	50kg
Ice shape	Bullet shape	Bullet shape	Bullet shape	Bullet shape	Bullet shape
N.W./kgs	28kg	30kg	35kg	51kg	70kg



Bullet Ice Maker
SKU: BIBU-101



Bullet Ice Maker
SKU: BIBU-102



Bullet Ice Maker
SKU: BIBU-104



Bullet Ice Maker
SKU: BIBU-109



Bullet Ice Maker
SKU: BIFL-212

ICE MAKER

CUBE ICE MAKER

OVERVIEW

Cube ice makers produce clear square ice for food service and laboratory use. They use fully automatic controls with fault detection, energy-efficient refrigeration and large bins. Typical models yield about 200 kg of ice per day and store around 100 kg, using water-cooled compressors.

Highlights

- Automatic operation
- Energy-efficient compressor
- 200 kg/day output
- Large storage bin

For Detailed Technical Info & Accessories

Scan to view detailed technical information & accessories, or visit the link below.

CATALOG LINK

https://biolabscientific.com/content/catalogs/2202-Catalog-Biolab.pdf

Cube Ice Maker Series 100

Specification	Cube Ice Maker SKU: BIFL-213	Cube Ice Maker SKU: BIFL-214	Cube Ice Maker SKU: BIFL-215	Cube Ice Maker SKU: BIFL-216
Ice Making Capacity	200kg/24h	300kg/24h	500kg/24h	1000kg/24h
Ice Storage Capacity	100kg	150kg	150kg	500kg
Ice Shape	Square	Square	Square	Square
Power/Voltage (W/V)	990w/220v	1240w/220v	2300w/220v	4500w/220v
Cooling Type	Water cooling	Water cooling	Water cooling	Water cooling



Cube Ice Maker
SKU: BIFL-213



Cube Ice Maker
SKU: BIFL-214



Cube Ice Maker
SKU: BIFL-215



Cube Ice Maker
SKU: BIFL-216

ICE MAKER

ICE FLAKER

OVERVIEW

Ice flaker machines create irregular granular snow-flake ice for lab and clinical cooling needs. The range offers output capacities from 20 kg to 300 kg per day with built-in storage bins from 10 kg to 200 kg and operates on 220 V supply, producing consistent flake ice using compact, energy-efficient units.

Highlights

- Granular flake ice
- 20–300 kg/day output
- Integrated storage bins
- 220 V operation

For Detailed Technical Info & Accessories

Scan to view detailed technical information & accessories, or visit the link below.

CATALOG LINK

https://biolabscientific.com/content/catalogs/2203-Catalog-Biolab.pdf

Ice Flaker Series 100

TABLE 1 OF 3

Specification	Ice Flaker SKU: BIFL-201	Ice Flaker SKU: BIFL-202	Ice Flaker SKU: BIFL-203	Ice Flaker SKU: BIFL-204	Ice Flaker SKU: BIFL-205
Ice making capacity	20kg/24h	30kg/24h	40kg/24h	50kg/24h	60kg/24h
Ice storage capacity	10kg	10kg	15kg	15kg	25kg
Ice shape	Irregular small granular	Irregular small granular	Irregular small granular	Irregular small granular	Irregular small granular
Power/Voltage	280w/220v	300w/220v	360w/220v	380w/220v	420w/220v
Product dimension	330x480x605mm	330x480x605mm	400x543x700mm	400x543x700mm	400x510x845mm



Ice Flaker
SKU: BIFL-201



Ice Flaker
SKU: BIFL-202



Ice Flaker
SKU: BIFL-203



Ice Flaker
SKU: BIFL-204



Ice Flaker
SKU: BIFL-205

Ice Flaker Series 100

TABLE 2 OF 3

Specification	Ice Flaker SKU: BIFL-206	Ice Flaker SKU: BIFL-207	Ice Flaker SKU: BIFL-208	Ice Flaker SKU: BIFL-209	Ice Flaker SKU: BIFL-210
Ice making capacity	70kg/24h	85kg/24h	100kg/24h	120kg/24h	200kg/24h
Ice storage capacity	25kg	25kg	40kg	40kg	60kg
Ice shape	Irregular small granular	Irregular small granular	Irregular small granular	Irregular small granular	Irregular small granular
Power/Voltage	460w/220v	480w/220v	520w/220v	550w/220v	1040w/220v
Product dimension	400x510x845mm	400x510x845mm	500x611x940mm	500x611x940mm	680x611x1100mm



Ice Flaker
SKU: BIFL-206



Ice Flaker
SKU: BIFL-207



Ice Flaker
SKU: BIFL-208



Ice Flaker
SKU: BIFL-209



Ice Flaker
SKU: BIFL-210

Ice Flaker Series 100

TABLE 3 OF 3

Specification	Ice Flaker SKU: BIFL-211
Ice making capacity	300kg/24h
Ice storage capacity	200kg
Ice shape	Irregular small granular
Power/Voltage	1360w/220v
Product dimension	570x830x1590mm



Ice Flaker
SKU: BIFL-211

GRAPHITE DIGESTER

OVERVIEW

Graphite digesters use infrared heating and high-purity graphite conduction to simultaneously digest up to twenty Kjeldahl samples. They provide programmable linear or segmented temperature profiles from room temperature +5 °C to 450 °C with ±1 °C accuracy and multi-protection features.

Highlights

- Infrared–graphite heating
- 20-sample capacity
- Wide temperature range
- Programmable digestion

For Detailed Technical Info & Accessories

Scan to view detailed technical information & accessories, or visit the link below.

CATALOG LINK

https://biolabscientific.com/content/catalogs/4101-Catalog-Biolab.pdf

Graphite Digester Series 100

Specification	Graphite Digester SKU: BKJS-101	Graphite Digester SKU: BKJS-102
Temperature range	Room temperature +5 - 450 °C	Room temperature +5 - 450 °C
Temperature accuracy	±1 °C	±1 °C
Heating method	Infrared heating and high-purity graphite conduction	Infrared heating and high-purity graphite conduction
Heating insulation method	Unique air duct insulation technology	Unique air duct insulation technology
Digestion tube capacity	300 mL	300 mL



Graphite Digester
SKU: BKJS-101



Graphite Digester
SKU: BKJS-102

KJELDAHL ANALYZER

OVERVIEW

Kjeldahl nitrogen analyzers automate distillation and titration for protein determination. They accommodate samples within 0.1–240 mg nitrogen, deliver results in about 3–10 minutes per sample and offer low relative standard deviation (≤0.5 %) with high recovery (≈99.5 %).

Highlights

- Automatic distillation
- 0.1–240 mg range
- Fast analysis time
- High nitrogen recovery

For Detailed Technical Info & Accessories

Scan to view detailed technical information & accessories, or visit the link below.

CATALOG LINK

https://biolabscientific.com/content/catalogs/4102-Catalog-Biolab.pdf

Kjeldahl Analyzer Series 100

Specification	Kjeldahl Analyzer SKU: BKJS-201	Kjeldahl Analyzer SKU: BKJS-202	Kjeldahl Analyzer SKU: BKJS-203
Measuring range	0.1 mg ~ 240 mg N	0.1 mg ~ 240 mg N	0.1 mg ~ 240 mg N
Analysis time	3 ~ 8 min/sample	3 ~ 8 min/sample	5 ~ 10 min/sample
RSD	≤ 0.5%	≤ 0.5%	≤ 0.5%
Recovery	≥ 99.5%	≥ 99.5%	≥ 99.5%
Burette precision	0.2 µL/step, 0.4 µL/step and 1.0 µL/step optional	1.0 µL/step	2.0 µL/step



Kjeldahl Analyzer
SKU: BKJS-201



Kjeldahl Analyzer
SKU: BKJS-202



Kjeldahl Analyzer
SKU: BKJS-203

LABORATORY SHAKER

BENCHTOP SHAKING INCUBATOR

OVERVIEW

Benchtop shaking incubators combine microplate shaking with controlled incubation, offering adjustable speed and orbit, programmable timing up to 99 h 59 min, and temperature control from ambient +5 °C to 70 °C with microprocessor PID regulation

Highlights

- Adjustable shaking speed
- 3 mm orbits
- Programmable timers
- PID temperature control

For Detailed Technical Info & Accessories

Scan to view detailed technical information & accessories, or visit the link below.

CATALOG LINK

https://biolabscientific.com/content/catalogs/1501-Catalog-Biolab.pdf

Benchtop Shaking Incubator Series 100

Specification	Benchtop Shaking Incubator SKU: BER-2801	Benchtop Shaking Incubator SKU: BER-2802
Control Mode	PID Microcomputer Processing Chip	PID Microcomputer Processing Chip
Cycle Mode	Forced Air Convection	Forced Air Convection
Oscillation Mode	Cyclotron Oscillation	Cyclotron Oscillation
Display Mode	LCD Display	LCD Display
Drive Mode	Single-Dimensional Drive	Single-Dimensional Drive



Benchtop Shaking Incubator
SKU: BER-2801



Benchtop Shaking Incubator
SKU: BER-2802

Benchtop Shaking Incubator Series 100

Specification	Benchtop Shaking Incubator SKU: BER-3001	Benchtop Shaking Incubator SKU: BER-3002
Shaking Mode	Cyclotron Oscillation	Cyclotron Oscillation
--Amplitude	Φ20mm	Φ20mm
--Temp. Resolution	0.1°C	0.1°C
--Temp. Motion	± 0.1°C	± 0.1°C
--Temp. Uniformity	± 1°C	± 1°C



Benchtop Shaking Incubator
SKU: BER-3001



Benchtop Shaking Incubator
SKU: BER-3002

Benchtop Shaking Incubator Series 200

Specification	Benchtop Shaking Incubator SKU: BSBT-301	Benchtop Shaking Incubator SKU: BSBT-302	Benchtop Shaking Incubator SKU: BSCO-201	Benchtop Shaking Incubator SKU: BSCO-203
Internal dimension/capacity (HxWxD) mm/liter	500 mlx3 or 250 mlx3 or 100 mlx4 or 50 mlx4 (Optional 500 mlx9 or 250 mlx12 or 100 mlx18)	500 mlx28 (Optionally available 1000 mlx18 or 250 mlx43)	500 mlx3 or 250 mlx4 or 100 mlx5 or 50 mlx5 (Optionally available 500 mlx9 or 250 mlx16 or 100 mlx25)	500 mlx28 (Optionally available 2000 mlx8 or 1000 mlx18 or 500 mlx28 or 250 mlx43)
Voltage(V)	220	220	220	220
Temp. Range °C	RT+5~50	RT+5~50	4~50	4~50
Oscillation frequency Rpm	20~300	20~300	20~300	20~300
Amplitude mm	24	26	24	26



Benchtop Shaking Incubator
SKU: BSBT-301



Benchtop Shaking Incubator
SKU: BSBT-302



Benchtop Shaking Incubator
SKU: BSCO-201



Benchtop Shaking Incubator
SKU: BSCO-203

Benchtop Shaking Incubator Series 300

Specification	Benchtop Shaking Incubator SKU: BDIB-112	Benchtop Shaking Incubator SKU: BDIB-113
Temp. Control Range	R.T.+5°C ~70°C	R.T.+5°C ~70°C
Temp. Setting Range	5°C~70°C	5°C~70°C
Temp. Stability@37°C	±0.2°C	±0.2°C
Platform Temp. Uniformity	±0.5°C	±0.5°C
Temp. Display Accuracy	0.1°C	0.1°C



Benchtop Shaking Incubator
SKU: BDIB-112



Benchtop Shaking Incubator
SKU: BDIB-113

Benchtop Shaking Incubator Series 300

Specification	Benchtop Shaking Incubator SKU: BSBT-401
Speed range	50rpm ~300rpm
Shaking orbit	20mm (circle)
Temp. control range	4 ~60°C @Ambient temp.≤25°C
Temp. setting range	4 ~60°C
Max. drop temp.	R.T. decrease 20°C@R.T.≥25°C



Benchtop Shaking Incubator
SKU: BSBT-401

Benchtop Shaking Incubator Series 300

Specification	Benchtop Shaking Incubator SKU: BSFLS-106	Benchtop Shaking Incubator SKU: BSFLS-107	Benchtop Shaking Incubator SKU: BSFLS-108	Benchtop Shaking Incubator SKU: BSFLS-109
Speed Range	50rpm~300rpm	200rpm~1200rpm	50rpm~300rpm	50rpm~300rpm
Shaking Orbit	20mm (circle)	3mm (horizontal)	20mm (circle)	20mm (circle)
Temp. Control Range	R.T.+5~60°C	R.T.+5~60°C	R.T.+5~60°C	4~60°C @R.T.≤25°C
Temp. Max. Decrease	/	/	/	R.T. decreases 20°C
Temp. Setting Range	5~60°C	5~60°C	5~60°C	4~60°C



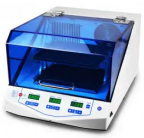
Benchtop Shaking Incubator
SKU: BSFLS-106



Benchtop Shaking Incubator
SKU: BSFLS-107



Benchtop Shaking Incubator
SKU: BSFLS-108



Benchtop Shaking Incubator
SKU: BSFLS-109

Benchtop Shaking Incubator Series 300

Specification	Benchtop Shaking Incubator SKU: BSTH-104	Benchtop Shaking Incubator SKU: BSTH-105
Speed Range	200~1200rpm	200~1200rpm
Shaking Orbit	3mm (horizontal)	2mm (horizontal)
Temp. Control Range	R.T.+5°C ~70°C	R.T.+5°C ~70°C
Temp. Setting Range	5°C~70°C	5°C~70°C
Temp. Stability@37°C	±0.2°C	±0.2°C



Benchtop Shaking Incubator
SKU: BSTH-104



Benchtop Shaking Incubator
SKU: BSTH-105

Benchtop Shaking Incubator Series 300

Specification	Benchtop Shaking Incubator SKU: BSTH-112
Speed Range	200 ~1500rpm - standard (increment: 10 rpm), 200 ~1000 rpm - deep-well plate (increment: 10 rpm)
Shaking Orbit	3mm (horizontal)
Time Range	1min ~99h59min or continuously
Sample Capacity	4 standard plates
Voltage	AC 100V~230V, 50/60Hz



Benchtop Shaking Incubator
SKU: BSTH-112

Benchtop Shaking Incubator Series 400

Specification	Benchtop Shaking Incubator SKU: BSTH-108
Incubation	Incubation range from 8°C above ambient to 70°C
Display Accuracy	0.1°C steps
Temperature Stability	±0.3°C
Warming Up Speed	< 25 min (from 20°C to 70°C)
Orbit Radius	1.5 mm / 1.5 mm orbit radius



Benchtop Shaking Incubator
SKU: BSTH-108

Benchtop Shaking Incubator Series 400

Specification	Benchtop Shaking Incubator SKU: BSTH-109
Speed Range	200-1500 RPM
Timing Range	1 min ~ 99 h 59 min
Speed Increment	10 RPM
Mixing Orbit	3 mm
Capacity	4 microplate



Benchtop Shaking Incubator
SKU: BSTH-109

Benchtop Shaking Incubator Series 500

Specification	Benchtop Shaking Incubator SKU: BSTH-111
Shaking speed setting accuracy	10 rpm
Shaking speed	200~1500 rpm standard microplate / 200~1000 rpm deepwell plate or tube holder
Timer range	1 min~99 h 59 min
Mixing orbit	3 mm
Power supply	24 VDC



Benchtop Shaking Incubator
SKU: BSTH-111

Benchtop Shaking Incubator Series 600

Specification	Benchtop Shaking Incubator SKU: BSBT-101	Benchtop Shaking Incubator SKU: BSBT-102	Benchtop Shaking Incubator SKU: BSBT-104	Benchtop Shaking Incubator SKU: BSBT-105
Electrical Requirement	220V 50Hz	220V 50Hz	220V 50Hz	220V 50Hz
Shaking Speed Range	40~250r/min	40~300r/min	40~300r/min	40~300r/min
Amplitude	20mm	20mm	20mm	20mm
Temperature Range	RT+5~65°C	RT+5~65°C	RT+5~65°C	4~65°C (Ambient temp-20°C)
Display Resolution	0.1°C	0.1°C	0.1°C	0.1°C



Benchtop Shaking Incubator
SKU: BSBT-101



Benchtop Shaking Incubator
SKU: BSBT-102



Benchtop Shaking Incubator
SKU: BSBT-104



Benchtop Shaking Incubator
SKU: BSBT-105

Benchtop Shaking Incubator Series 600

TABLE 1 OF 2

Specification	Benchtop Shaking Incubator SKU: BSBT-1701	Benchtop Shaking Incubator SKU: BSBT-1703	Benchtop Shaking Incubator SKU: BSBT-1704	Benchtop Shaking Incubator SKU: BSBT-1705	Benchtop Shaking Incubator SKU: BSBT-1707
Temp. range	RT+5 - 65°C	RT+5 - 65°C	4 - 65°C	RT+5 - 65°C	RT+5 - 65°C
Temp. control accuracy	0.1°C	0.1°C	0.1°C	0.1°C	0.1°C
Speed range	40 - 250rpm	40 - 300rpm	40 - 300rpm	40 - 250rpm	40 - 500rpm
Frequency accuracy	±1rpm	±1rpm	±1rpm	±1rpm	±1rpm
Platform size (mm)	250x250	450x450	450x450	250x250	450x450



Benchtop Shaking Incubator
SKU: BSBT-1701



Benchtop Shaking Incubator
SKU: BSBT-1703



Benchtop Shaking Incubator
SKU: BSBT-1704



Benchtop Shaking Incubator
SKU: BSBT-1705



Benchtop Shaking Incubator
SKU: BSBT-1707

Benchtop Shaking Incubator Series 600

TABLE 2 OF 2

Specification	Benchtop Shaking Incubator SKU: BSBT-1708
Temp. range	4 - 65°C
Temp. control accuracy	0.1°C
Speed range	40 - 500rpm
Frequency accuracy	±1rpm
Platform size (mm)	450x450



Benchtop Shaking Incubator
SKU: BSBT-1708

Benchtop Shaking Incubator Series 600

Specification	Benchtop Shaking Incubator SKU: BSBT-1702	Benchtop Shaking Incubator SKU: BSBT-1706
Temp. range	RT+5 - 65°C	RT+5 - 65°C
Temp. control accuracy	0.1°C	0.1°C
Frequency accuracy	±1rpm	±1rpm
Platform size (mm)	350x350	350x350
Inside height (mm)	265	265



Benchtop Shaking Incubator
SKU: BSBT-1702



Benchtop Shaking Incubator
SKU: BSBT-1706

Benchtop Shaking Incubator Series 600

Specification	Benchtop Shaking Incubator SKU: BSBT-2101	Benchtop Shaking Incubator SKU: BSBT-2103
Range speed	40 - 300rpm	40 - 300rpm
Amplitude	26mm	26mm
Timer range	1 - 99h59min	1 - 99h59min
Max load	250mlx48pcs or 500mlx30pcs or 1000mlx20pcs or 2000mlx12pcs (single shelf)	250mlx63pcs or 500mlx35pcs or 1000mlx35pcs or 2000mlx16pcs (single shelf)
Platform size (mm)	800x600	920x640



Benchtop Shaking Incubator
SKU: BSBT-2101



Benchtop Shaking Incubator
SKU: BSBT-2103

Benchtop Shaking Incubator Series 600

Specification	Benchtop Shaking Incubator SKU: BSBT-2102	Benchtop Shaking Incubator SKU: BSBT-2104
Range speed	40 - 300rpm	40 - 300rpm
Amplitude	26mm	26mm
Timer range	1 - 99h59min	1 - 99h59min
Platform size (mm)	800x600	920x640
Platform quantity	2pcs	2pcs



Benchtop Shaking Incubator
SKU: BSBT-2102



Benchtop Shaking Incubator
SKU: BSBT-2104

LABORATORY SHAKER

FLOOR STANDING SHAKING INCUBATOR

OVERVIEW

Floor standing shaking incubators combine orbital shaking (40–300 rpm) with precise temperature control (RT+5 to 65 °C). They use microprocessor PID regulation, offer large LCD displays and stainless-steel chambers with observation windows, and include memory retention and safety features for cell cultures.

Highlights

- Orbital shaking
- PID control
- Stainless chamber
- Safety & memory

For Detailed Technical Info & Accessories

Scan to view detailed technical information & accessories, or visit the link below.

CATALOG LINK

https://biolabscientific.com/content/catalogs/1503-Catalog-Biolab.pdf

Floor Standing Shaking Incubator Series 100

TABLE 1 OF 2

Specification	Floor Standing Shaking Incubator SKU: BER-2701	Floor Standing Shaking Incubator SKU: BER-2702	Floor Standing Shaking Incubator SKU: BER-2703	Floor Standing Shaking Incubator SKU: BER-2704	Floor Standing Shaking Incubator SKU: BER-2705
Control Mode	PID microcomputer processing chip	PID microcomputer processing chip	PID microcomputer processing chip	PID microcomputer processing chip	PID microcomputer processing chip
Cycle Mode	Forced convection	Forced convection	Forced convection	Forced convection	Forced convection
Shaking Mode	Convolution	Convolution	Convolution	Convolution	Convolution
Display Mode	LCD liquid crystal display	LCD liquid crystal display	LCD liquid crystal display	LCD liquid crystal display	LCD liquid crystal display
Drive Mode	Multidimensional drive	Multidimensional drive	Multidimensional drive	Multidimensional drive	Multidimensional drive



Floor Standing Shaking Incubator
SKU: BER-2701



Floor Standing Shaking Incubator
SKU: BER-2702



Floor Standing Shaking Incubator
SKU: BER-2703



Floor Standing Shaking Incubator
SKU: BER-2704



Floor Standing Shaking Incubator
SKU: BER-2705

Floor Standing Shaking Incubator Series 100

TABLE 2 OF 2

Specification	Floor Standing Shaking Incubator SKU: BER-2706
Control Mode	PID microcomputer processing chip
Cycle Mode	Forced convection
Shaking Mode	Convolution
Display Mode	LCD liquid crystal display
Drive Mode	Multidimensional drive



Floor Standing Shaking Incubator
SKU: BER-2706

Floor Standing Shaking Incubator Series 200

TABLE 1 OF 2

Specification	Floor Standing Shaking Incubator SKU: BSBT-2201	Floor Standing Shaking Incubator SKU: BSBT-2202	Floor Standing Shaking Incubator SKU: BSBT-2203	Floor Standing Shaking Incubator SKU: BSBT-2204	Floor Standing Shaking Incubator SKU: BSFT-101
Electrical Requirement	220V 50Hz	220V 50Hz	220V 50Hz	220V 50Hz	220V 50Hz
Shaking Speed Range	40~300r/min	40~300r/min	40~300r/min	40~300r/min	40~300r/min
Amplitude	26mm	26mm	26mm	26mm	20mm
Temperature Range	RT+5~65°C	RT+5~65°C	4~65°C	4~65°C	RT+5~65°C
Display Resolution	0.1°C	0.1°C	0.1°C	0.1°C	±0.8°C (Test point is 37°C)



Floor Standing Shaking Incubator
SKU: BSBT-2201



Floor Standing Shaking Incubator
SKU: BSBT-2202



Floor Standing Shaking Incubator
SKU: BSBT-2203



Floor Standing Shaking Incubator
SKU: BSBT-2204



Floor Standing Shaking Incubator
SKU: BSFT-101

Floor Standing Shaking Incubator Series 200

TABLE 2 OF 2

Specification	Floor Standing Shaking Incubator SKU: BSFT-102	Floor Standing Shaking Incubator SKU: BSFT-103	Floor Standing Shaking Incubator SKU: BSFT-104	Floor Standing Shaking Incubator SKU: BSFT-105	Floor Standing Shaking Incubator SKU: BSFT-106
Electrical Requirement	220V 50Hz	220V 50Hz	220V 50Hz	220V 50Hz	220V 50Hz
Shaking Speed Range	40~300r/min	40~300r/min	40~300r/min	40~300r/min	40~300r/min
Amplitude	20mm	20mm	20mm	20mm	20mm
Temperature Range	RT+5~65°C	RT+5~65°C	4~65°C	4~65°C	4~65°C
Display Resolution	±0.8°C (Test point is 37°C)	±0.8°C (Test point is 37°C)	±0.8°C (Test point is 37°C)	±0.8°C (Test point is 37°C)	±0.8°C (Test point is 37°C)



Floor Standing Shaking Incubator
SKU: BSFT-102



Floor Standing Shaking Incubator
SKU: BSFT-103



Floor Standing Shaking Incubator
SKU: BSFT-104



Floor Standing Shaking Incubator
SKU: BSFT-105



Floor Standing Shaking Incubator
SKU: BSFT-106

Floor Standing Shaking Incubator Series 200

TABLE 1 OF 2

Specification	Floor Standing Shaking Incubator SKU: BSFT-1801	Floor Standing Shaking Incubator SKU: BSFT-1802	Floor Standing Shaking Incubator SKU: BSFT-1803	Floor Standing Shaking Incubator SKU: BSFT-1804	Floor Standing Shaking Incubator SKU: BSFT-1901
Power supplies	AC220V 50HZ	AC220V 50HZ	AC220V 50HZ	AC220V 50HZ	AC220V 50HZ
Speed range	40 - 300rpm	40 - 300rpm	40 - 300rpm	40 - 300rpm	40 - 300 rpm
Amplitude	20mm	20mm	20mm	20mm	26mm
Control temp. range	RT+5 - 65°C	4 - 65°C	RT+5 - 65°C	4 - 65°C	RT+5 - 80°C
Temp. resolution	0.1°C	0.1°C	0.1°C	0.1°C	0.1°C



Floor Standing Shaking Incubator
SKU: BSFT-1801



Floor Standing Shaking Incubator
SKU: BSFT-1802



Floor Standing Shaking Incubator
SKU: BSFT-1803



Floor Standing Shaking Incubator
SKU: BSFT-1804



Floor Standing Shaking Incubator
SKU: BSFT-1901

Floor Standing Shaking Incubator Series 200

TABLE 2 OF 2

Specification	Floor Standing Shaking Incubator SKU: BSFT-1902	Floor Standing Shaking Incubator SKU: BSFT-1903	Floor Standing Shaking Incubator SKU: BSFT-1904
Power supplies	AC220V 50HZ	AC220V 50HZ	AC220V 50HZ
Speed range	40 - 300 rpm	40 - 300 rpm	40 - 300 rpm
Amplitude	26mm	26mm	26mm
Control temp. range	RT+5 - 80°C	4 - 80°C	4 - 80°C
Temp. resolution	0.1°C	0.1°C	0.1°C



Floor Standing Shaking Incubator
SKU: BSFT-1902



Floor Standing Shaking Incubator
SKU: BSFT-1903



Floor Standing Shaking Incubator
SKU: BSFT-1904

Floor Standing Shaking Incubator Series 200

Specification	Floor Standing Shaking Incubator SKU: BSFT-2001	Floor Standing Shaking Incubator SKU: BSFT-2002	Floor Standing Shaking Incubator SKU: BSFT-2003	Floor Standing Shaking Incubator SKU: BSFT-2004
Speed range	40 - 300rpm	40 - 300rpm	40 - 300rpm	40 - 300rpm
Frequency accuracy	±1rpm	±1rpm	±1rpm	±1rpm
Amplitude	26mm	26mm	26mm	26mm
Control temp. range	RT+5 - 65°C	4 - 65°C	RT+5 - 65°C	4 - 65°C
Temp. resolution	±0.1°C	±0.1°C	±0.1°C	±0.1°C



Floor Standing Shaking Incubator
SKU: BSFT-2001



Floor Standing Shaking Incubator
SKU: BSFT-2002



Floor Standing Shaking Incubator
SKU: BSFT-2003



Floor Standing Shaking Incubator
SKU: BSFT-2004

Floor Standing Shaking Incubator Series 200

Specification	Floor Standing Shaking Incubator SKU: BSFT-2301	Floor Standing Shaking Incubator SKU: BSFT-2302	Floor Standing Shaking Incubator SKU: BSFT-2303	Floor Standing Shaking Incubator SKU: BSFT-2304
Electrical Requirement	220V 50Hz	220V 50Hz	220V 50Hz	220V 50Hz
Shaking Speed Range	40~300r/min	40~300r/min	40~300r/min	40~300r/min
Amplitude	26mm	26mm	26mm	26mm
Temperature Range	RT+5~65°C	RT+5~65°C	4~65°C	4~65°C
Temperature Uniformity	±1°C (Test point is 37°C)	±1°C (Test point is 37°C)	±1°C (Test point is 37°C)	±1°C (Test point is 37°C)



Floor Standing Shaking Incubator
SKU: BSFT-2301



Floor Standing Shaking Incubator
SKU: BSFT-2302



Floor Standing Shaking Incubator
SKU: BSFT-2303



Floor Standing Shaking Incubator
SKU: BSFT-2304

ORBITAL SHAKER

OVERVIEW

Orbital shakers deliver reliable agitation for dyeing, gel fixation and other laboratory processes. Compact, shock-absorbing designs with suction-cup feet minimize vibration. Large platforms accommodate multiple samples, while variable speed and timer settings with digital displays ensure consistent shaking.

Highlights

- Variable speed control
- Shock-absorbing feet
- Large platform
- Timer with display

For Detailed Technical Info & Accessories

Scan to view detailed technical information & accessories, or visit the link below.

CATALOG LINK

https://biolabscientific.com/content/catalogs/1504-Catalog-Biolab.pdf

Orbital Shaker Series 100

TABLE 1 OF 2

Specification	Orbital Shaker SKU: BSOR-103	Orbital Shaker SKU: BSOR-104	Orbital Shaker SKU: BSOR-105	Orbital Shaker SKU: BSOR-106	Orbital Shaker SKU: BSOR-109
Speed Range	50~300 rpm	50~250 rpm	50~300 rpm	50~250 rpm	50~300 rpm
Maximum Configuration	250 mlx54 or 500 mlx35 or 1000 mlx24 or 5000 mlx6	250 mlx54 or 500 mlx35 or 1000 mlx24 or 5000 mlx6	250 mlx96 or 500 mlx60 or 1000 mlx40 or 5000 mlx15	250 mlx96 or 500 mlx60 or 1000 mlx40 or 5000 mlx15	250 mlx108 or 500 mlx70 or 1000 mlx48
Shaking Speed Accuracy	±1 rpm	±1 rpm	±1 rpm	±1 rpm	±1 rpm
Timing Range	0~500 h	0~500 h	0~500 h	0~500 h	0~500 h
Motion	Orbital	Orbital	Orbital	Orbital	Orbital



Orbital Shaker
SKU: BSOR-103



Orbital Shaker
SKU: BSOR-104



Orbital Shaker
SKU: BSOR-105



Orbital Shaker
SKU: BSOR-106



Orbital Shaker
SKU: BSOR-109

Orbital Shaker Series 100

TABLE 2 OF 2

Specification	Orbital Shaker SKU: BSOR-110	Orbital Shaker SKU: BSOR-111	Orbital Shaker SKU: BSOR-112
Speed Range	50~300 rpm	50~250 rpm	50~250 rpm
Maximum Configuration	250 mlx192 or 500 mlx120 or 1000 mlx80	250 mlx300 or 500 mlx216 or 1000 mlx112	250 mlx450 or 500 mlx324 or 1000 mlx168
Shaking Speed Accuracy	±1 rpm	±1 rpm	±1 rpm
Timing Range	0~500 h	0~500 h	0~500 h
Motion	Orbital	Orbital	Orbital



Orbital Shaker
SKU: BSOR-110



Orbital Shaker
SKU: BSOR-111



Orbital Shaker
SKU: BSOR-112

Orbital Shaker Series 200

Specification	Orbital Shaker SKU: BSOR-101	Orbital Shaker SKU: BSOR-102	Orbital Shaker SKU: BSOR-107	Orbital Shaker SKU: BSOR-108
Motion type	Orbital	Orbital	Orbital	Orbital
Shaking Speed Range	40 ~ 300 rpm	40 ~ 300 rpm	40 ~ 300 rpm	40 ~ 300 rpm
Amplitude	35 mm	35 mm	35 mm	35 mm
Timer Range	0 ~ 99h59min	0 ~ 99h59min	0 ~ 99h59min	0 ~ 99h59min
Display	LCD	LCD	LCD	LCD



Orbital Shaker
SKU: BSOR-101



Orbital Shaker
SKU: BSOR-102



Orbital Shaker
SKU: BSOR-107



Orbital Shaker
SKU: BSOR-108

Orbital Shaker Series 300

Specification	Orbital Shaker SKU: BER-3101	Orbital Shaker SKU: BER-3102
Shaking Mode	Cyclotron oscillation	Cyclotron oscillation
--Amplitude	ϕ10mm	ϕ20mm
--Rotary Speed Range	100~500rpm	30~250rpm
--Rotary Speed Precision	±1rpm	±1rpm
--Out Shell	ABS	ABS



Orbital Shaker
SKU: BER-3101



Orbital Shaker
SKU: BER-3102

Orbital Shaker Series 400

Specification	Orbital Shaker SKU: BSOT-201	Orbital Shaker SKU: BSOT-202	Orbital Shaker SKU: BSOT-203
Speed Range	50rpm~350rpm	50rpm~300rpm	50rpm~250rpm
Shaking Orbit	10mm	20mm	30mm
Time Range	1min~99h59min	1min~99h59min	1min~99h59min
Max. Loading Capacity	3kgs	3kgs	3kgs
Voltage	AC 100~230V, 50/60Hz	AC 100~230V, 50/60Hz	AC 100~230V, 50/60Hz



Orbital Shaker
SKU: BSOT-201



Orbital Shaker
SKU: BSOT-202



Orbital Shaker
SKU: BSOT-203

Orbital Shaker Series 400

Specification	Orbital Shaker SKU: BSOT-204	Orbital Shaker SKU: BSOT-205	Orbital Shaker SKU: BSOT-206	Orbital Shaker SKU: BSOT-207
Speed Range	50~300rpm	0~300rpm	50~300rpm	50~300rpm
Time Range	1min~99h59min	/	1min~99h59min	1min~99h59min
Digital Display	Time/speed display	/	Time/speed display	Time/speed display
Radius of gyration	10mm	10mm	10mm	10mm
Max Load Capacity	2.5Kgs	3Kgs	3Kgs	3Kgs



Orbital Shaker
SKU: BSOT-204



Orbital Shaker
SKU: BSOT-205



Orbital Shaker
SKU: BSOT-206



Orbital Shaker
SKU: BSOT-207

Orbital Shaker Series 400

Specification	Orbital Shaker SKU: BSOT-208
Speed range	5~80rmp
Angle of inclination	16°
Timing range	0~99h59min
Operation mode	Timing/continuous operation
Maximum load	2.5kg



Orbital Shaker
SKU: BSOT-208

Orbital Shaker Series 500

Specification	Orbital Shaker SKU: BSOT-302	Orbital Shaker SKU: BSOT-303
Orbital diameter	4mm	10mm
Max. load capacity (with platform)	2.5kg	7.5kg
Motor type	Brushless DC motor	Brushless DC motor
Motor input power	28W	28W
Motor output power	15W	15W



Orbital Shaker
SKU: BSOT-302



Orbital Shaker
SKU: BSOT-303

Orbital Shaker Series 600

Specification	Orbital Shaker SKU: BSRP-104
Speed Range	50-300 RPM
Timing Range	1 min ~ 99 h 59 min
Speed Increment	1 RPM
Loading	3 kg
Power	220 V / 120 V, 45 W



Orbital Shaker
SKU: BSRP-104

Orbital Shaker Series 700

Specification	Orbital Shaker SKU: BSOT-401	Orbital Shaker SKU: BSOT-402
Shaking Speed	50-250 rpm	50-300 rpm
Orbit	20 mm	10 mm
Max. capacity	2.5 kg	3.0 kg
Timer range	1 min~99 h 59 min	1 min~99 h 59 min
Load capacity	See below table	See below table



Orbital Shaker
SKU: BSOT-401



Orbital Shaker
SKU: BSOT-402

Orbital Shaker Series 800

TABLE 1 OF 2

Specification	Orbital Shaker SKU: BGI-2501	Orbital Shaker SKU: BGI-2502	Orbital Shaker SKU: BGI-2503	Orbital Shaker SKU: BGI-2504	Orbital Shaker SKU: BSOT-606
Electrical Requirement	220V 50Hz	220V 50Hz	220V 50Hz	220V 50Hz	220V 50Hz
Type of Movement	Orbital	Orbital	Orbital	Orbital	Orbital
Shaking Speed Range	40~250 rpm	40~250 rpm	40~300 rpm	40~300 rpm	40~250 rpm
Amplitude	20mm	10mm	20mm	20mm	20mm
Temperature Range	-	-	-	-	RT+5~100°C



Orbital Shaker
SKU: BGI-2501



Orbital Shaker
SKU: BGI-2502



Orbital Shaker
SKU: BGI-2503



Orbital Shaker
SKU: BGI-2504



Orbital Shaker
SKU: BSOT-606

Orbital Shaker Series 800

TABLE 2 OF 2

Specification	Orbital Shaker SKU: BSOT-607
Electrical Requirement	220V 50Hz
Type of Movement	Orbital
Shaking Speed Range	40~250 rpm
Amplitude	20mm
Temperature Range	RT+5~100°C



Orbital Shaker
SKU: BSOT-607

Orbital Shaker Series 800

TABLE 1 OF 2

Specification	Orbital Shaker SKU: BSOT-1601	Orbital Shaker SKU: BSOT-1602	Orbital Shaker SKU: BSOT-1603	Orbital Shaker SKU: BSOT-1604	Orbital Shaker SKU: BSOT-1605
Speed range	40 - 250rpm	40 - 300rpm	40 - 300rpm	40 - 250rpm	40 - 500rpm
Frequency accuracy	±1rpm	±1rpm	±1rpm	±1rpm	±1rpm
Amplitude	20mm	20mm	20mm	4mm	5mm
Max loading capacity	2000ml	4000ml	9000ml	2000ml	4000ml
Display	LCD screen	LCD screen	LCD screen	LCD screen	LCD screen



Orbital Shaker
SKU: BSOT-1601



Orbital Shaker
SKU: BSOT-1602



Orbital Shaker
SKU: BSOT-1603



Orbital Shaker
SKU: BSOT-1604



Orbital Shaker
SKU: BSOT-1605

Orbital Shaker Series 800

TABLE 2 OF 2

Specification	Orbital Shaker SKU: BSOT-1606
Speed range	40 - 500rpm
Frequency accuracy	±1rpm
Amplitude	5mm
Max loading capacity	9000ml
Display	LCD screen



Orbital Shaker
SKU: BSOT-1606

LABORATORY SHAKER

RECIPROCAL SHAKER

OVERVIEW

Reciprocal laboratory shakers deliver back-and-forth or orbital motion for mixing. They feature adjustable speed ranges from gentle rocking to 350 rpm, various shaking amplitudes, load capacities up to around 5 kg, and timer settings for extended mixing cycles.

Highlights

- Adjustable speed range
- Variable amplitude
- Orbital/reciprocating motion
- Up to 5 kg load

For Detailed Technical Info & Accessories

Scan to view detailed technical information & accessories, or visit the link below.

CATALOG LINK

https://biolabscientific.com/content/catalogs/1505-Catalog-Biolab.pdf

Reciprocal Shaker Series 100

Specification	Reciprocal Shaker SKU: BSRP-114	Reciprocal Shaker SKU: BSRP-115
Speed Range	5~80rpm	5~80rpm
Swing Cycloid	25mm (up and down) / 10°	25mm (up and down) / 10°
Time Range	1min~99h59min	1min~99h59min
Max. Load	5.0kgs (single-deck platform)	5.0kgs (double-deck platform)
Platform Dimension	L.280 x W.228mm	L.280 x W.228mm



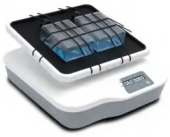
Reciprocal Shaker
SKU: BSRP-114



Reciprocal Shaker
SKU: BSRP-115

Reciprocal Shaker Series 200

Specification	Reciprocal Shaker SKU: BFL-802	Reciprocal Shaker SKU: BSRP-107	Reciprocal Shaker SKU: BSRP-108	Reciprocal Shaker SKU: BSRP-110
Tilt angle	10°	9°	7°	9°
Max. load capacity (with platform)	2kg	10kg	2kg	5kg
Motor type	DC motor	DC motor	DC motor	DC motor
Motor input power	16W	40W	20W	40W
Motor output power	10W	24W	16W	24W



Reciprocal Shaker
SKU: BFL-802



Reciprocal Shaker
SKU: BSRP-107



Reciprocal Shaker
SKU: BSRP-108



Reciprocal Shaker
SKU: BSRP-110

Reciprocal Shaker Series 200

Specification	Reciprocal Shaker SKU: BSRP-101	Reciprocal Shaker SKU: BSRP-106
Amplitude	4mm	20mm
Max. load capacity (with platform)	2.5kg	2kg
Motor type	Brushless DC motor	Brushless DC motor
Speed range	100-350rpm	40-200rpm
Speed display	LCD	LED



Reciprocal Shaker
SKU: BSRP-101



Reciprocal Shaker
SKU: BSRP-106

Reciprocal Shaker Series 200

Specification	Reciprocal Shaker SKU: BSRP-103
Amplitude	10mm
Max. load capacity (with platform)	7.5kg
Motor type	Brushless DC motor
Motor input power	28W
Motor output power	15W



Reciprocal Shaker
SKU: BSRP-103

Reciprocal Shaker Series 200

Specification	Reciprocal Shaker SKU: BSRP-105
Orbital diameter	20mm
Max. load capacity (with platform)	2kg
Motor type	Brushless DC motor
Motor input power	20W
Motor output power	16W



Reciprocal Shaker
SKU: BSRP-105

Reciprocal Shaker Series 300

Specification	Reciprocal Shaker SKU: BSRP-113
Rocking speed	0-25 rpm
Rocking angle	±25°
Working plate size	250 x 200 mm
External dimension	420 x 200 x 200 mm
Voltage	AC 80-230 V (50/60 Hz)



Reciprocal Shaker
SKU: BSRP-113

Reciprocal Shaker Series 400

Specification	Reciprocal Shaker SKU: BGI-2507	Reciprocal Shaker SKU: BGI-2508
Electrical Requirement	220V 50Hz	220V 50Hz
Type of Movement	Reciprocating	Reciprocating
Shaking Speed Range	40~250 rpm	40~250 rpm
Amplitude	20mm	20mm
Temperature Range	-	-



Reciprocal Shaker
SKU: BGI-2507



Reciprocal Shaker
SKU: BGI-2508

LABORATORY SHAKER

THERMO SHAKER INCUBATOR

OVERVIEW

Thermo-shaker incubators integrate heating, cooling and shaking for sample incubation. They cover temperature ranges from ambient + 5 °C to 100 °C with uniformity around ±0.5 °C and speeds from 300 to 3000 rpm. Models accept microplates or tube adaptors and provide programmable time control.

Highlights

- Heating and cooling
- Adjustable shaking speed
- Precise temperature uniformity
- Microplate compatibility

For Detailed Technical Info & Accessories

Scan to view detailed technical information & accessories, or visit the link below.

CATALOG LINK

https://biolabscientific.com/content/catalogs/1506-Catalog-Biolab.pdf

Thermo Shaker Incubator Series 100

Specification	Thermo Shaker Incubator SKU: BDL-10401	Thermo Shaker Incubator SKU: BDL-10402
Capacity	70L	70L
Temperature Control Range	Ambient temperature+5~65°C	4~65°C(@20°C)
Temperature Control Accuracy	±0.1°C	±0.1°C
Temperature Uniformity	±0.5°C(@37°C, effective working surface)	±0.5°C(@37°C, effective working surface)
Temperature Fluctuation	≤0.1°C(@37°C)	≤0.1°C(@37°C)



Thermo Shaker Incubator
SKU: BDL-10401



Thermo Shaker Incubator
SKU: BDL-10402

Thermo Shaker Incubator Series 200

Specification	Thermo Shaker Incubator SKU: BSTH-102	Thermo Shaker Incubator SKU: BSTH-103
Speed Range	300~2000rpm	300~1500rpm
Shaking Orbit	3mm (horizontal)	3mm (horizontal)
Temp. Control Range	R.T.+5°C~100°C	0°C~100°C
Temp. Max. Decrease	/	R.T. decreases 20°C@R.T. 26°C
Temp. Setting Range	5°C~100°C	0°C~100°C



Thermo Shaker Incubator
SKU: BSTH-102



Thermo Shaker Incubator
SKU: BSTH-103

Thermo Shaker Incubator Series 300

Specification	Thermo Shaker Incubator SKU: BSTH-208	Thermo Shaker Incubator SKU: BSTH-209
Functions	Heating&mixing	Heating,cooling&mixing
Temperature range [°C]	Room temp-100	Below room temp 15-100
Temperature Setting range [°C]	0-100	0-100
Temperature control accuracy@20-45 [°C]	±0.5	±0.5
Temperature uniformity@20-45 [°C]	±0.5	±0.5



Thermo Shaker Incubator
SKU: BSTH-208



Thermo Shaker Incubator
SKU: BSTH-209

Thermo Shaker Incubator Series 400

Specification	Thermo Shaker Incubator SKU: BSTH-106	Thermo Shaker Incubator SKU: BSTH-107
Temp. control range	RT. +5 °C~70 °C	RT. +5 °C~70 °C
Timer range	1 min~99 h 59 min	1 min~99 h 59 min
Temp. control accuracy	±0.5 °C	±0.5 °C
Display accuracy	±0.1 °C	±0.1 °C
Shaking speed	100-1200 rpm	100-1500 rpm



Thermo Shaker Incubator
SKU: BSTH-106



Thermo Shaker Incubator
SKU: BSTH-107

Thermo Shaker Incubator Series 400

Specification	Thermo Shaker Incubator SKU: BSTH-204	Thermo Shaker Incubator SKU: BSTH-205
Shaking speed	300-3000 rpm	300-2000 rpm
Mixing orbit	2 mm	3 mm
Temp. control range	RT. +5 °C~100 °C	RT. +5 °C~100 °C
Temp. uniformity	≤0.5 °C	≤0.5 °C
Timer range	1 min~99 h 59 min	1 min~99 h 59 min



Thermo Shaker Incubator
SKU: BSTH-204



Thermo Shaker Incubator
SKU: BSTH-205

Thermo Shaker Incubator Series 400

Specification	Thermo Shaker Incubator SKU: BSTH-206	Thermo Shaker Incubator SKU: BSTH-207
Temp. control range	RT. +5 °C~100 °C	0 °C~100 °C (AT. ≤20 °C) / 4 °C~100 °C (AT. ≤25 °C) / 10 °C~100 °C (AT. ≤30 °C)
Temp. uniformity	≤0.5 °C	≤0.5 °C
Timer range	1 min~99 h 59 min	1 min~99 h 59 min
Temp. control accuracy	±0.5 °C	±0.5 °C
Display accuracy	±0.1 °C	±0.1 °C



Thermo Shaker Incubator
SKU: BSTH-206



Thermo Shaker Incubator
SKU: BSTH-207

Thermo Shaker Incubator Series 500

Specification	Thermo Shaker Incubator SKU: BGI-4401	Thermo Shaker Incubator SKU: BGI-4402
Temperature Range	RT+5°C~100°C	RT+5°C~100°C
Time for temp. increasing	≤15 minutes (from 20°C to 100°C)	≤15 minutes (from 20°C to 100°C)
Time for temp. decreasing	/	/
Temperature Accuracy	±0.5°C	±0.5°C
Display Resolution	0.1°C	0.1°C



Thermo Shaker Incubator
SKU: BGI-4401



Thermo Shaker Incubator
SKU: BGI-4402

Thermo Shaker Incubator Series 500

Specification	Thermo Shaker Incubator SKU: BGI-4403
Temperature Range	-10°C~100°C
Time for temp. decreasing	≤25 minutes (from 20°C to 100°C)
Temperature Accuracy	±0.5°C
Display Resolution	0.1°C
Uniformity of the block temperature	±0.5°C



Thermo Shaker Incubator
SKU: BGI-4403

Thermo Shaker Incubator Series 500

Specification	Thermo Shaker Incubator SKU: BGI-4501
Temperature Range	RT+5°C ~ 100°C
Temperature Uniformity	≤±0.3°C
Temperature Stability	±0.2°C
Display Resolution	0.1°C
Temperature Increasing Time	< 20min (20°C ~100°C)



Thermo Shaker Incubator
SKU: BGI-4501

LAMINAR AIR FLOW

HORIZONTAL LAMINAR AIRFLOW

OVERVIEW

Horizontal laminar airflow cabinets provide ISO Class 5 clean benches with horizontal airflow to protect samples. Units accommodate one to multiple users, feature adjustable work surface heights, ETL certification and LCD displays, and operate at rated power up to 2,000 VA.

Highlights

- ISO Class 5 clean
- Horizontal airflow
- Adjustable work height
- Multi-user operation

For Detailed Technical Info & Accessories

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https://biolabscientific.com/content/catalogs/2302-Catalog-Biolab.pdf

Horizontal Laminar Airflow Series 100

Specification	Horizontal Laminar Airflow SKU: BDL-2701	Horizontal Laminar Airflow SKU: BDL-2702
Flow Mode	Horizontal Flow	Horizontal Flow
Number of Users	1~2	1~3
Rated Power	1000VA (including operating area socket load 500VA)	2000VA (including operating area socket load 500VA)
Power Supply	220V±10%, 50Hz(Standard); 110±10%V, 60Hz(Optional)	220V±10%, 50Hz(Standard); 110±10%V, 60Hz(Optional)
Airflow Velocity	0.2 m/s~0.45 m/s	0.2 m/s~0.45 m/s



Horizontal Laminar Airflow
SKU: BDL-2701



Horizontal Laminar Airflow
SKU: BDL-2702

Horizontal Laminar Airflow Series 100

Specification	Horizontal Laminar Airflow SKU: BLHZ-201	Horizontal Laminar Airflow SKU: BLHZ-202	Horizontal Laminar Airflow SKU: BLHZ-204
External Size(W*D*H)	1100"810*(1720~1980)mm	1500*810*(1720~1980)mm	800*810*(1720~1980)nm
Internal Size(W*D*H)	1000*500*600mm	1400*500*600mm	700*500*600mm
Work Surface Height	750~1010mm	750~1010mm	750~1010mm
Max Opening	440mm	440mm	440mm
Display	LCD Display	LCD Display	LCD Display



Horizontal Laminar Airflow
SKU: BLHZ-201



Horizontal Laminar Airflow
SKU: BLHZ-202



Horizontal Laminar Airflow
SKU: BLHZ-204

Horizontal Laminar Airflow Series 100

Specification	Horizontal Laminar Airflow SKU: BLHZ-203	Horizontal Laminar Airflow SKU: BLHZ-209
External Size (W*D*H)	1300*820*2040mm	1800*820*2070mm
Internal Size (W*D*H)	1200*500*570mm	1700*500*570mm
'Work Surface Height	750mm	750mm
Display	LCD Display	LCD Display
Airflow Velocity	Average of 0.3~0.5m/s	Average of 0.3~0.5m/s



Horizontal Laminar Airflow
SKU: BLHZ-203



Horizontal Laminar Airflow
SKU: BLHZ-209

Horizontal Laminar Airflow Series 200

Specification	Horizontal Laminar Airflow SKU: BGI-4705	Horizontal Laminar Airflow SKU: BGI-4706
Num. of operator	one people one side	two people one side
Laminar Flow	Horizontal	Horizontal
Cleanliness	ISO class 5, ISO-14644-1	ISO class 5, ISO-14644-1
CFU	≤0.5/Dish* h (φ90mm petri dish)	≤0.5/Dish* h (φ90mm petri dish)
Air Velocity	≥0.3m/s	≥0.3m/s



Horizontal Laminar Airflow
SKU: BGI-4705



Horizontal Laminar Airflow
SKU: BGI-4706

LAMINAR AIR FLOW

VERTICAL LAMINAR AIRFLOW

OVERVIEW

Vertical laminar airflow cabinets provide ISO Class 100 clean environments for sample protection. Mini and single-user models supply vertical airflow with rated power up to roughly 700 VA, acid-resistant PP options and LED/LCD displays, ensuring safe and clean workspaces.

Highlights

- ISO Class 100 cleanliness
- Vertical airflow
- Single-user cabinets
- Acid-resistant PP

For Detailed Technical Info & Accessories

Scan to view detailed technical information & accessories, or visit the link below.

CATALOG LINK

https://biolabscientific.com/content/catalogs/2303-Catalog-Biolab.pdf

Vertical Laminar Airflow Series 100

TABLE 1 OF 2

Specification	Vertical Laminar Airflow SKU: BDL-3201	Vertical Laminar Airflow SKU: BDL-3202	Vertical Laminar Airflow SKU: BDL-3301	Vertical Laminar Airflow SKU: BDL-3401	Vertical Laminar Airflow SKU: BDL-3402
Flow Mode	Vertical Flow	Vertical Flow	Vertical Flow	Vertical Flow.	Vertical Flow.
Number of Users	Single	Single	Single	Single	1~2
Rated Power	620VA(including operating area socket load 500VA)	650VA(including operating area socket load 500VA)	150VA	700VA(including operating area socket load 500VA)	700VA(including operating area socket load 500VA)
Power Supply	220V±10%, 50Hz(Standard); 110±10%V, 60Hz(Optional)	220V±10%, 50Hz(Standard); 110±10%V, 60Hz(Optional)	220V±10%, 50Hz(Standard); 110V±10%, 60Hz(Optional)	220V±10%, 50Hz(Standard); 110V±10%, 60Hz(Optional)	220V±10%, 50Hz(Standard); 110V±10%, 60Hz(Optional)
Airflow Velocity	0.2m/s~0.45m/s	0.2m/s~0.45m/s	0.2 m/s~0.45 m/s	0.2 m/s~0.45 m/s	0.2 m/s~0.45 m/s



Vertical Laminar Airflow
SKU: BDL-3201



Vertical Laminar Airflow
SKU: BDL-3202



Vertical Laminar Airflow
SKU: BDL-3301



Vertical Laminar Airflow
SKU: BDL-3401



Vertical Laminar Airflow
SKU: BDL-3402

Vertical Laminar Airflow Series 100

TABLE 2 OF 2

Specification	Vertical Laminar Airflow SKU: BDL-3403
Flow Mode	Vertical Flow.
Number of Users	1~2
Rated Power	850VA(including operating area socket load 500VA)
Power Supply	220V±10%, 50Hz(Standard); 110V±10%, 60Hz(Optional)
Airflow Velocity	0.2 m/s~0.45 m/s



Vertical Laminar Airflow
SKU: BDL-3403

Vertical Laminar Airflow Series 100

Specification	Vertical Laminar Airflow SKU: BDL-3501	Vertical Laminar Airflow SKU: BDL-3502	Vertical Laminar Airflow SKU: BDL-3503
Airflow Pattern	Vertical laminar flow, return air	Vertical laminar flow, return air	Vertical laminar flow, return air
Applicable number of people	1	2	3
External Size(W*D*H)	1100*710*1850mm	1500*710*1850mm	1800*710*1850mm
Instrument Size(W*D*H)	1000*575*625mm	1400*575*625mm	1700*575*625mm
Work Surface Height	750mm	750mm	750mm



Vertical Laminar Airflow
SKU: BDL-3501



Vertical Laminar Airflow
SKU: BDL-3502



Vertical Laminar Airflow
SKU: BDL-3503

Vertical Laminar Airflow Series 100

Specification	Vertical Laminar Airflow SKU: BDL-3601
External Size(W*D*H)	800*710*1800mm
Internal Size(W*D*H)	780*540*550mm
Work Surface Height	750mm
Material	Main Body: Made of porcelain white PP, thickness 8mm, resistant to strong acid, alkali and anti-corrosionWork Table: Seamlessly welded with 12mm thick PP plate
Front&Side Windows	5mm toughened glass, anti-UV, manual



Vertical Laminar Airflow
SKU: BDL-3601

Vertical Laminar Airflow Series 100

Specification	Vertical Laminar Airflow SKU: BLVR-101	Vertical Laminar Airflow SKU: BLVR-102
External Size (W*D*H)	1300*750*2040mm	1800*750*2040mm
Internal Size (W*D*H)	1200*645*610mm	1700*645*610mm
Work Surface Height	750mm	750mm
Display	LCD Display	LCD Display
Aiflow Velocity	Average of 0.3~0.5m/s	Average of 0.3~0.5m/s



Vertical Laminar Airflow
SKU: BLVR-101



Vertical Laminar Airflow
SKU: BLVR-102

Vertical Laminar Airflow Series 100

Specification	Vertical Laminar Airflow SKU: BLVR-201	Vertical Laminar Airflow SKU: BLVR-202	Vertical Laminar Airflow SKU: BLVR-203	Vertical Laminar Airflow SKU: BLVR-204
Extemal Size (W*D*H)	680*410*1160mm	802*650*1550mm	1060*620*1850mm	1460*620*1850mm
Intemal Size W'D*H)	630*375*615mm	800*530*540mm	935*530*650mm	1335*530*650mm
Work Surface Height	/	660mm	750mm	750mm
Display	LED Display	LED Display	LCD Display	LCD Display
Airflow Velocity	Average of 0.3~0.5m/s, air speed adjustable	Average of 0.3~0.5m/s, air speed adjustable	Average of 0.3~0.45m/s, air speed adjustable	Average of 0.3~0.45m/s, air speed adjustable



Vertical Laminar Airflow
SKU: BLVR-201



Vertical Laminar Airflow
SKU: BLVR-202



Vertical Laminar Airflow
SKU: BLVR-203



Vertical Laminar Airflow
SKU: BLVR-204

Vertical Laminar Airflow Series 100

Specification	Vertical Laminar Airflow SKU: BLVR-301	Vertical Laminar Airflow SKU: BLVR-302
External Size (W*D*H)	1040*660*1770mm	1440*660*1770mm
Internal Size (W*D*H)	940*560*545mm	1340*560*545mm
Work Surface Height	750mm	750mm
Display	LED Display	LED Display
Airflow Velocity	Average of 0.3~0.5m/s	Average of 0.3~0.5m/s



Vertical Laminar Airflow
SKU: BLVR-301



Vertical Laminar Airflow
SKU: BLVR-302

Vertical Laminar Airflow Series 100

Specification	Vertical Laminar Airflow SKU: BLVR-304	Vertical Laminar Airflow SKU: BLVR-306
Exteral Size(W*D*H)	1100*700*(2090~2340)mm	1500*700*(2090~2340)mm
Internal Size(W*D*H)	1000*575*625mm	1400*575*625mm
Work Surface Height	760~1010mm	760~1010mm
Max Opening	480mm	480mm
Display	LCD Display	LCD Display



Vertical Laminar Airflow
SKU: BLVR-304



Vertical Laminar Airflow
SKU: BLVR-306

Vertical Laminar Airflow Series 200

TABLE 1 OF 2

Specification	Vertical Laminar Airflow SKU: BER-3501	Vertical Laminar Airflow SKU: BER-3502	Vertical Laminar Airflow SKU: BER-3503	Vertical Laminar Airflow SKU: BER-3504	Vertical Laminar Airflow SKU: BER-3505
Applicable Station	one person one side	one operator two side	two person one side	two person two side	one person one side
Airflow Direction	Vertical	Vertical	Vertical	Vertical	Vertical
--Cleanliness	Class 100	Class 100	Class 100	Class 100	Class 100
--Collection Efficiency	0.3um partial ≥99.995%	0.3um partial ≥99.995%	0.3um partial ≥99.995%	0.3um partial ≥99.995%	0.3um partial ≥99.995%
--Colony Count	≤0.5/Vessel (petri dish is Φ90mm)	≤0.5/Vessel (petri dish is Φ90mm)	≤0.5/Vessel (petri dish is Φ90mm)	≤0.5/Vessel (petri dish is Φ90mm)	≤0.5/Vessel (petri dish is Φ90mm)



Vertical Laminar Airflow
SKU: BER-3501



Vertical Laminar Airflow
SKU: BER-3502



Vertical Laminar Airflow
SKU: BER-3503



Vertical Laminar Airflow
SKU: BER-3504



Vertical Laminar Airflow
SKU: BER-3505

Vertical Laminar Airflow Series 200

TABLE 2 OF 2

Specification	Vertical Laminar Airflow SKU: BER-3506	Vertical Laminar Airflow SKU: BER-3507	Vertical Laminar Airflow SKU: BER-3508	Vertical Laminar Airflow SKU: BER-3701
Applicable Station	one operator two side	two person one side	two person two side	one person one side
Airflow Direction	Vertical	Vertical	Vertical	Vertical
--Cleanliness	Class 100	Class 100	Class 100	Class 100 (ISO Class 5)
--Collection Efficiency	0.3um partial ≥99.995%	0.3um partial ≥99.995%	0.3um partial ≥99.995%	0.3um particle ≥99.995%
--Colony Count	≤0.5/Vessel (petri dish is Φ90mm)	≤0.5/Vessel (petri dish is Φ90mm)	≤0.5/Vessel (petri dish is Φ90mm)	—



Vertical Laminar Airflow
SKU: BER-3506



Vertical Laminar Airflow
SKU: BER-3507



Vertical Laminar Airflow
SKU: BER-3508



Vertical Laminar Airflow
SKU: BER-3701

Vertical Laminar Airflow Series 200

Specification	Vertical Laminar Airflow SKU: BER-3601	Vertical Laminar Airflow SKU: BER-3602	Vertical Laminar Airflow SKU: BER-3603	Vertical Laminar Airflow SKU: BER-3604
Applicable Scope	Protect experiment samples	Protect experiment samples	Protect experiment samples	Protect experiment samples
Airflow Direction	Vertical	Vertical	Vertical	Vertical
--Cleanliness	Class 100	Class 100	Class 100	Class 100
--High Efficiency Filter	0.3um partial ≥99.999%	0.3um partial ≥99.999%	0.3um partial ≥99.999%	0.3um partial ≥99.999%
--Colony count	≤0.5/vessel (petri dish is Φ90mm)	≤0.5/vessel (petri dish is Φ90mm)	≤0.5/vessel (petri dish is Φ90mm)	≤0.5/vessel (petri dish is Φ90mm)



Vertical Laminar Airflow
SKU: BER-3601



Vertical Laminar Airflow
SKU: BER-3602



Vertical Laminar Airflow
SKU: BER-3603



Vertical Laminar Airflow
SKU: BER-3604

Vertical Laminar Airflow Series 300

Specification	Vertical Laminar Airflow SKU: BGI-4701	Vertical Laminar Airflow SKU: BGI-4702	Vertical Laminar Airflow SKU: BGI-4703	Vertical Laminar Airflow SKU: BGI-4704
Num. of operator	one people one side	one people two side	two people one side	two people two sides
Laminar Flow	Vertical	Vertical	Vertical	Vertical
Cleanliness	ISO class 5, ISO-14644-1	ISO class 5, ISO-14644-1	ISO class 5, ISO-14644-1	ISO class 5, ISO-14644-1
CFU	≤0.5/Dish* h (φ90mm petri dish)	≤0.5/Dish* h (φ90mm petri dish)	≤0.5/Dish* h (φ90mm petri dish)	≤0.5/Dish* h (φ90mm petri dish)
Air Velocity	≥0.3m/s	≥0.3m/s	≥0.3m/s	≥0.3m/s



Vertical Laminar Airflow
SKU: BGI-4701



Vertical Laminar Airflow
SKU: BGI-4702



Vertical Laminar Airflow
SKU: BGI-4703



Vertical Laminar Airflow
SKU: BGI-4704

LIQUID HANDLING

AUTOMATED SAMPLE PROCESSING SYSTEM

OVERVIEW

Automated sample processing systems streamline aliquoting and preparation for clinical specimens. Units handle between 32 and 96 samples, processing batches within roughly 10–25 minutes. Air-replacement pipetting and compatible locking racks accommodate plasma, serum, whole blood and swab samples.

Highlights

- 32–96 samples
- 10–25 min batches
- Air-replacement pipetting
- Compatible sample racks

For Detailed Technical Info & Accessories

Scan to view detailed technical information & accessories, or visit the link below.

CATALOG LINK

https://biolabscientific.com/content/catalogs/6906-Catalog-Biolab.pdf

Automated Sample Processing System Series 100

Specification	Automated Sample Processing System SKU: BLIH-601	Automated Sample Processing System SKU: BLIH-602	Automated Sample Processing System SKU: BLIH-603
Throughput	1~32	1~48	1~96
Processing Time	32 samples/10min	48 samples/16min	96 samples/25min
Sample Type	Plasma, serum, whole blood, swab solution and other samples	Plasma, serum, whole blood, swab solution and other samples	Plasma, serum, whole blood, swab solution and other samples
Sample Rack	1pc, 3*12 with locking device (compatible with a variety of sampling tubes)	1pc, 6*8 with locking device (compatible with a variety of sampling tubes)	1pc (Compatible with a variety of sampling tubes)
Robot Arm	1pc (Dispensation arm)	2pcs (Dispensation arm and screw cap arm)	2pcs (Dispensation arm and screw cap arm)



Automated Sample Processing System
SKU: BLIH-601



Automated Sample Processing System
SKU: BLIH-602



Automated Sample Processing System
SKU: BLIH-603

Automated Sample Processing System Series 100

Specification	Automated Sample Processing System SKU: BLIH-701
Plate Position	4pcs
Throughput	96
Pipetting Principle	Replacement of air
Pipetting Volume	5~200μl
Tips	50μl, 200μl tips to choose



Automated Sample Processing System
SKU: BLIH-701

LIQUID HANDLING

AUTOMATIC SEALING AND CAPPING MACHINE

OVERVIEW

Automatic sealing and capping machines automate closure of PCR tubes and microplates. Configurations handle eight-strip or 96-well plates, with capping/sealing cycles as fast as about four seconds and options for cold or heated sealing, touchscreen control and temperature-controlled film sealing up to 210 °C.

Highlights

- 8-strip/96-well
- ≤4 s sealing
- Cold or heated
- Touchscreen control

For Detailed Technical Info & Accessories

Scan to view detailed technical information & accessories, or visit the link below.

CATALOG LINK

https://biolabscientific.com/content/catalogs/6901-Catalog-Biolab.pdf

Automatic Sealing and Capping Machine Series 100

Specification	Automatic Sealing and Capping Machine SKU: BLIH-102
Throughput	8~96, suitable for 8-strip PCR tubes and 96-well PCR plates
Start Method	Button
Speed	Capping/sealing speed ≤4s
Function	8-strip PCR tubes capping, 96-well PCR plate capping, PCR plate sealing film
Adapter	2 types, 8-strip PCR tubes and 96-well PCR plates, can be customized



Automatic Sealing and Capping Machine
SKU: BLIH-102

Automatic Sealing and Capping Machine Series 100

Specification	Automatic Sealing and Capping Machine SKU: BLIH-103
Positions	1pc
Method	Cold seal
Operating Mode	Manual plate change, automatic sealing
Application	PCR plate, deep well plate and micro-plate conforming to SBS standard (Customizable)
Control Mode	Buttons



Automatic Sealing and Capping Machine
SKU: BLIH-103

Automatic Sealing and Capping Machine Series 200

Specification	Automatic Sealing and Capping Machine SKU: BLIH-101
Rack type available	96 or 100 Holes
Screen	Touch Screen control panel
Sensor	Built-in integration with intelligence sensor



Automatic Sealing and Capping Machine
SKU: BLIH-101

LIQUID HANDLING

CUP TYPE ULTRASONIC PROCESSOR

OVERVIEW

Cup-type ultrasonic processors provide non-contact sonication for micro-volume biological samples such as DNA. They offer adjustable ultrasonic power (≈1200–2200 W), duty cycles 1–99.9 %, and safe aseptic processing with no aerosol generation. They can treat multiple samples simultaneously under precise temperature control.

Highlights

- Non-contact sonication
- Micro-volume handling
- Adjustable duty cycle
- Multi-sample processing

For Detailed Technical Info & Accessories

Scan to view detailed technical information & accessories, or visit the link below.

CATALOG LINK

https://biolabscientific.com/content/catalogs/6905-Catalog-Biolab.pdf

Cup Type Ultrasonic Processor Series 100

Specification	Cup Type Ultrasonic Processor SKU: BLIH-501	Cup Type Ultrasonic Processor SKU: BLIH-502
Ultrasonic power	1200 W	2200 W
Crushing capacity	(0.1-1.5ml)x4 ml	(0.1-1.5ml)x4 ml
Temperature control range	-5-50 degrees (requires optional low temperature constant temperature)	-5-50 degrees (requires optional low temperature constant temperature)
duty cycle	1-99.9%	1-99.9%
Display mode	widescreen LCD display	widescreen LCD display



Cup Type Ultrasonic Processor
SKU: BLIH-501



Cup Type Ultrasonic Processor
SKU: BLIH-502

HOMOGENIZER

OVERVIEW

Homogenizers process samples by rapidly shearing and mixing liquids. Biolab models include handheld and benchtop units with adjustable speeds up to around 35,000 rpm, various rotor velocities and working volumes ranging from millilitre-scale to several litres.

Highlights

- Handheld and benchtop
- Variable speed control
- Wide volume range
- High shear mixing

For Detailed Technical Info & Accessories

Scan to view detailed technical information & accessories, or visit the link below.

CATALOG LINK

https://biolabscientific.com/content/catalogs/6907-Catalog-Biolab.pdf

Homogenizer Series 100

Specification	Homogenizer SKU: BLHM-1001
Oscillation speed	2460~6000rpm, Increment in 10rpm
Operation time	1s~90s, Increment in 1s
Interval time	1s~90s, Increment in 1s
Cycle index	10
Stored program	10



Homogenizer
SKU: BLHM-1001

Homogenizer Series 100

Specification	Homogenizer SKU: BMGS-206
Speed Range	8krpm~35Krpm (1krpm Increment)
Rotor Line Speed	6.3m/sec~14m/sec
Working Noise	72dB
Voltage	AC 220V, 50Hz
Power Input/Output	160W/110W



Homogenizer
SKU: BMGS-206

Homogenizer Series 100

Specification	Homogenizer SKU: BMGS-207
Speed Range	16000rpm Fixed speed
Working Noise	55dB
Battery Non-loaded Working Time	2 hours (Idling)
Battery Charging time	≥ 2 hours
Voltage	2.4V



Homogenizer
SKU: BMGS-207

Homogenizer Series 200

Specification	Homogenizer SKU: BHMS-110
Speed range	8000-32000rpm
Max linear velocity	6.3, 10, 14 m/sec
Speed level	10 stage
Working volume [H2O]	0.1-50mL (Dispersing shaft DS-160/5)1-150mL (Dispersing shaft DS-160/7)1-250mL (Dispersing shaft DS-160/10)
Max. viscosity	5,000mPas



Homogenizer
SKU: BHMS-110

Homogenizer Series 200

Specification	Homogenizer SKU: BHMS-111
Speed range	10000-30000rpm
Max linear velocity	22.7-36m/sec
Speed Level	6 stage
Working volume	10-40000mL
Max. viscosity	10000mPa·s



Homogenizer
SKU: BHMS-111

Homogenizer Series 300

Specification	Homogenizer SKU: BGI-5303	Homogenizer SKU: BLHM-801	Homogenizer SKU: BLHM-802	Homogenizer SKU: BLHM-901	Homogenizer SKU: BLHM-902
Voltage/ Frequency	220-240V/50-60Hz	220-240V/50-60Hz	220-240V/50-60Hz	220-240V/50-60Hz	220-240V/50-60Hz
Power input/output(W)	1050	500	500	120Watt	120Watt
Speed range (rpm)	4000~26000rpm	10000~30000rpm	10000~30000rpm	1000~35000rpm	1000~35000rpm
Rotor speed (m/sec)	47m/sec	27m/sec	27m/sec	5~10m/sec	5~10m/sec
Speed Setting	100rpm step adjustable	7 speeds	7 speeds	6 speeds	6 speeds



Homogenizer
SKU: BGI-5303



Homogenizer
SKU: BLHM-801



Homogenizer
SKU: BLHM-802



Homogenizer
SKU: BLHM-901



Homogenizer
SKU: BLHM-902

LIQUID HANDLING

SAMPLE TUBE SCANNER

OVERVIEW

Sample tube scanners streamline specimen tracking by decoding barcoded racks. Equipped with high-resolution 10 MP CMOS cameras, they read multiple 1D and 2D barcode formats across rack sizes from 13 to 384 positions for rapid sample identification.

Highlights

- 10 MP CMOS camera
- 1D/2D barcode decoding
- Supports 13–384 racks
- Rapid sample identification

For Detailed Technical Info & Accessories

Scan to view detailed technical information & accessories, or visit the link below.

CATALOG LINK

https://biolabscientific.com/content/catalogs/6902-Catalog-Biolab.pdf

Sample tube scanner Series 100

Specification	Sample tube scanner SKU: BFS-4401	Sample tube scanner SKU: BFS-4402
Rack type available	13,24,48,96,384 holes rack	13,24,48,96,384 holes rack
1-D Code available	2/5 Industrial / Interleaved, Code 39, Code 128, Pharmacode, Codabar, EAN 13	2/5 Industrial / Interleaved, Code 39, Code 128, Pharmacode, Codabar, EAN 13
2-D Code available	Datamatrix ECC 200, PDF417, QR Code	Datamatrix ECC 200, PDF417, QR Code
Camera	10 mega-pixel camera CMOS	10 mega-pixel camera CMOS



Sample tube scanner
SKU: BFS-4401



Sample tube scanner
SKU: BFS-4402

LIQUID HANDLING

ULTRASONIC HOMOGENIZER

OVERVIEW

Ultrasonic homogenizers use 20–25 kHz energy for cell disruption and dispersion. Models offer adjustable power from about 150 to 1800 W, multiple probe diameters and sample capacities from 0.1 to 1500 mL, with frequency auto-tracking and portable or bench-top configurations.

Highlights

- Adjustable ultrasonic power
- 20–25 kHz frequency
- Multiple probe options
- Wide sample capacity

For Detailed Technical Info & Accessories

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CATALOG LINK

https://biolabscientific.com/content/catalogs/6903-Catalog-Biolab.pdf

Ultrasonic Homogenizer Series 100

Specification	Ultrasonic Homogenizer SKU: BLIH-801
Frequency	20-25KHz
Display method	5 inch TFT Touch screen display
Random horn	Ø6
Optional horn	Ø2, Ø3, Ø6, Ø10, Ø12
Crushing capacity	0.5-500ml



Ultrasonic Homogenizer
SKU: BLIH-801

Ultrasonic Homogenizer Series 200

TABLE 1 OF 3

Specification	Ultrasonic Homogenizer SKU: BLIH-301	Ultrasonic Homogenizer SKU: BLIH-302	Ultrasonic Homogenizer SKU: BLIH-303	Ultrasonic Homogenizer SKU: BLIH-304	Ultrasonic Homogenizer SKU: BLIH-305
Ultrasonic Frequency (kHz)	20-25	20-25	20-25	20-25	20-25
Maximum Power	0-150 W	0-250 W	0-500 W	0-650 W	0-900 W
Optional Probe (Φ mm)	2, 3, 6	2, 3, 6, 8	2, 3, 6, 8, 10	2, 3, 6, 10, 12	2, 3, 6, 8, 10, 12
Crusher Capacity	0.1-150 ml	0.1-250 ml	0.1-400 ml	0.1-500 ml	0.1-600 ml
Sample Temperature Monitor	Yes	Yes	Yes	Yes	Yes



Ultrasonic Homogenizer
SKU: BLIH-301



Ultrasonic Homogenizer
SKU: BLIH-302



Ultrasonic Homogenizer
SKU: BLIH-303



Ultrasonic Homogenizer
SKU: BLIH-304



Ultrasonic Homogenizer
SKU: BLIH-305

Ultrasonic Homogenizer Series 200

TABLE 2 OF 3

Specification	Ultrasonic Homogenizer SKU: BLIH-306	Ultrasonic Homogenizer SKU: BLIH-307	Ultrasonic Homogenizer SKU: BLIH-308	Ultrasonic Homogenizer SKU: BLIH-309	Ultrasonic Homogenizer SKU: BLIH-310
Ultrasonic Frequency (kHz)	20-25	19.5-20.5	19.5-20.5	19.5-20.5	19.5-20.5
Maximum Power	0-950 W	0-1200 W	0-1500 W	0-1800 W	0-2000 W
Optional Probe (Φ mm)	2, 3, 6, 10, 12, 15	3, 6, 10, 15, 20, 22	10, 15, 20, 22, 25	15, 20, 22, 25	15, 20, 22, 25
Crusher Capacity	0.1-700 ml	5-1000 ml	20-1200 ml	50-1500 ml	50-1800 ml
Sample Temperature Monitor	Yes	Yes	Yes	Yes	Yes



Ultrasonic Homogenizer
SKU: BLIH-306



Ultrasonic Homogenizer
SKU: BLIH-307



Ultrasonic Homogenizer
SKU: BLIH-308



Ultrasonic Homogenizer
SKU: BLIH-309



Ultrasonic Homogenizer
SKU: BLIH-310

Ultrasonic Homogenizer Series 200

TABLE 3 OF 3

Specification	Ultrasonic Homogenizer SKU: BLIH-311
Ultrasonic Frequency (kHz)	19.5-20.5
Maximum Power	0~2200 W
Optional Probe (Φ mm)	15, 20, 22, 25
Crusher Capacity	50-2000 ml
Sample Temperature Monitor	Yes



Ultrasonic Homogenizer
SKU: BLIH-311

Ultrasonic Homogenizer Series 200

Specification	Ultrasonic Homogenizer SKU: BLIH-401	Ultrasonic Homogenizer SKU: BLIH-402
Operating frequency range	20-25 Khz, frequency automatic tracking	20-25 Khz, frequency automatic tracking
The end of the horn diameter	Φ 3 or 5	Φ 3 or 5
Ultrasonic Power	150 W, can be adjusted, fine-tune in steps of 5 W	250 W, can be adjusted, fine-tune in steps of 5 W
Parameters sample handling capacity	0.1-100 ml (need to select the appropriate probe)	0.1-100 ml (need to select the appropriate probe)
Generator output power	150 W (max)	250 W (max)



Ultrasonic Homogenizer
SKU: BLIH-401



Ultrasonic Homogenizer
SKU: BLIH-402

METERS

COLORIMETER

OVERVIEW

Biolab colorimeters measure colour and color difference using optical geometries (D/8°, 8°/d or 45°/0°) with silicon photodiode arrays. They comply with CIE standards, offer apertures 4–20 mm and calculate multiple color spaces and difference formulas or use platinum-cobalt colorimetry.

Highlights

- D/8° or 8°/d geometry
- Silicon photodiode sensors
- Aperture 4–20 mm
- CIE-compliant colour spaces

For Detailed Technical Info & Accessories

Scan to view detailed technical information & accessories, or visit the link below.

CATALOG LINK

https://biolabscientific.com/content/catalogs/6306-Catalog-Biolab.pdf

Colorimeter Series 100

Specification	Colorimeter SKU: BFU-2001	Colorimeter SKU: BFU-2101
Measurement Method	Platinum-Cobalt Colorimetry	Platinum-Cobalt Colorimetry
Measuring Range	20-500 PCU	0-500PCU
Abs Range	-0.3~3A	-0.3~3A
Colorimetric Method	Tube Colorimetric	Tube Colorimetric
Accuracy	±5%	≤5%



Colorimeter
SKU: BFU-2001



Colorimeter
SKU: BFU-2101

Colorimeter Series 200

Specification	Colorimeter SKU: BDSC-106	Colorimeter SKU: BDSC-107	Colorimeter SKU: BDSC-108	Colorimeter SKU: BDSC-110
Temperature range	Room temperature ~ 600°C, air cooling	-40°C ~ 600°C	-150°C ~ 600°C	Room temperature ~ 1100°C
Temperature resolution	0.01°C	0.01°C	0.01°C	0.001°C
Temperature fluctuation	±0.01°C	±0.01°C	±0.01°C	±0.001°C
Temperature repeatability	±0.1°C	±0.1°C	±0.1°C	±0.01°C
Heating rate	0.1~100°C/min	0.1 ~ 100°C/min	0.1 ~ 80°C/min	0.1 ~ 100°C/min



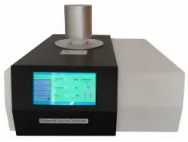
Colorimeter
SKU: BDSC-106



Colorimeter
SKU: BDSC-107



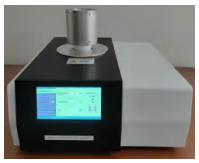
Colorimeter
SKU: BDSC-108



Colorimeter
SKU: BDSC-110

Colorimeter Series 200

Specification	Colorimeter SKU: BDSC-109
DSC range	0 ~ ±600 mW
Temperature range	Room temperature ~ 600°C
Heating rate	0.1 ~ 100°C/min
Temperature resolution	0.01°C
Temperature fluctuations	±0.01°C



Colorimeter
SKU: BDSC-109

Colorimeter Series 300

Specification	Colorimeter SKU: BJH-1501
Illuminating/Viewing Geometry	D/8°
Standard	CIE No.15, GB/T 3978
Sensor	Silicon photodiode
Measuring Aperture	4 mm
Color Space	CIE LAB, Lch



Colorimeter
SKU: BJH-1501

Colorimeter Series 300

Specification	Colorimeter SKU: BMET-801	Colorimeter SKU: BMET-802	Colorimeter SKU: BMET-803
Color space	CIE L*a*b*; CIE XYZ; CIE L*C*h*	CIE L*a*b*; CIE XYZ	CIE L*a*b*; CIE XYZ; CIE RGB; CIE L*u*v*; WI(Whiteness); YI (Yellowness); Color Fastness; Staining fastness
Color Difference Formula	ΔE*ab; ΔE (h); ΔE*uv; ΔE*94; ΔE*cmc(2:1); ΔE*cmc(1:1); ΔE*00	ΔE*ab; ΔE (h); ΔE*uv; ΔE*94; ΔE*cmc(2:1); ΔE*cmc(1:1); ΔE*00	ΔE*ab; ΔE(h); ΔE*uv; ΔE*94; ΔE*cmc(2:1); ΔE*cmc(1:1); ΔE*00
Optical Geometry	CIE Recommended way: 8°/d	CIE Recommended way: 8°/d	CIE Recommended way: 8°/d
Sensor	Silicon Photoelectric Diode Array	Silicon Photoelectric Diode Array	Silicon Photoelectric Diode Array
Correction function	Auto Calibration at Starting	Auto Calibration at Starting	Auto Calibration at Starting



Colorimeter
SKU: BMET-801



Colorimeter
SKU: BMET-802



Colorimeter
SKU: BMET-803

Colorimeter Series 300

TABLE 1 OF 2

Specification	Colorimeter SKU: BMET-804	Colorimeter SKU: BMET-805	Colorimeter SKU: BMET-806	Colorimeter SKU: BMET-807	Colorimeter SKU: BMET-809
Optical Geometry	8°/D	45°/0°	8°/D	8°/D	45°/0°
Standards compliant	CIE No.15, GB/T 3978	CIE No.15, GB/T 3978	CIE No.15, GB/T 3978	CIE No.15, GB/T 3978	CIE No.15, GB/T 3978
Sensor	Silicon Photoelectric Diode Array	Silicon Photoelectric Diode Array	Silicon Photoelectric Diode Array	Silicon Photoelectric Diode Array	Silicon Photoelectric Diode Array
Measuring Aperture	Φ8 mm flat, Φ4 mm sharp	Φ20 mm	Φ4 mm flat, Φ4 mm sharp	Φ4 mm	Φ8 mm flat
Color Space	CIE LAB, LCh, XYZ, CIE RGB, CIE LUV	CIE LAB, XYZ, LCh	CIE LAB, LCh, XYZ	CIE LAB, LCh	CIE LAB, XYZ, LCh



Colorimeter
SKU: BMET-804



Colorimeter
SKU: BMET-805



Colorimeter
SKU: BMET-806



Colorimeter
SKU: BMET-807



Colorimeter
SKU: BMET-809

Colorimeter Series 300

TABLE 2 OF 2

Specification	Colorimeter SKU: BMET-810
Optical Geometry	8°/D
Standards compliant	CIE No.15, GB/T 3978
Sensor	Silicon Photoelectric Diode Array
Measuring Aperture	Φ4 mm sharp
Color Space	CIE LAB



Colorimeter
SKU: BMET-810

CONDUCTIVITY METER

OVERVIEW

Conductivity meters encompass portable and bench units that measure electrical conductivity, TDS, salinity and resistivity of liquids. They offer broad measurement ranges from microSiemens to hundreds of millisiemens with high resolution and ±1–3 % accuracy, supporting routine laboratory and field analysis.

Highlights

- Wide measurement range
- High resolution
- Multi-parameter capability
- Portable and benchtop

For Detailed Technical Info & Accessories

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CATALOG LINK

https://biolabscientific.com/content/catalogs/6305-Catalog-Biolab.pdf

Conductivity Meter Series 100

Specification	Conductivity Meter SKU: BFU-2301
Cond. Measuring range	Conductivity: 0.000µS/cm-2000µS/cm
Cond Measuring range	(0.000-1.999)µS/cm, (2.000-19.999)µS/cm



Conductivity Meter
SKU: BFU-2301

Conductivity Meter Series 100

Specification	Conductivity Meter SKU: BFU-2401
pH Measuring range	(-2.000 ~ 20.000)pH
pH Resolution	0.1/0.01/0.001 pH
pH Accuracy	±0.002pH
pH Auto calibration	1, 2, 3, 4, 5 point
pH Buffer	Europe & USA, NIST, China standards



Conductivity Meter
SKU: BFU-2401

Conductivity Meter Series 100

Specification	Conductivity Meter SKU: BFU-2501	Conductivity Meter SKU: BFU-2502	Conductivity Meter SKU: BFU-2503
Description	pH Meter	pH Meter	Conductivity Meter
Measuring Range	-1.00~15.00pH	-1.00~15.00pH	Conductivity (0 ~ 10)mS/cm: (0~99.9)μS/cm, (100~999)μS/cm, (1.00~10.00)mS/cm.
Resolution	0.1pH	0.01pH	0.1/1μS/cm; 0.01mS/cm
Accuracy	±0.2pH	±0.05pH	±3%FS
Temp. Compensation	0 ~ 60°C	0 ~ 60°C	0 ~ 60°C



Conductivity Meter
SKU: BFU-2501



Conductivity Meter
SKU: BFU-2502



Conductivity Meter
SKU: BFU-2503

Conductivity Meter Series 100

Specification	Conductivity Meter SKU: BFU-2701	Conductivity Meter SKU: BFU-3701	Conductivity Meter SKU: BFU-4101	Conductivity Meter SKU: BFU-4501
Cond. Measuring range	Conductivity:	Conductivity:	Conductivity:	Conductivity:



Conductivity Meter
SKU: BFU-2701



Conductivity Meter
SKU: BFU-3701



Conductivity Meter
SKU: BFU-4101



Conductivity Meter
SKU: BFU-4501

Conductivity Meter Series 100

Specification	Conductivity Meter SKU: BFU-3101
Cond. Measuring rang	Conductivity:



Conductivity Meter
SKU: BFU-3101

Conductivity Meter Series 100

Specification	Conductivity Meter SKU: BFU-3301
Cond.	Conductivity:
Cond. Measuring range	(0.00~20.00)μS/cm, (20.0~200.0)μS/cm



Conductivity Meter
SKU: BFU-3301

Conductivity Meter Series 100

Specification	Conductivity Meter SKU: BFU-4901
Conductivity Measuring range	Conductivity: (0.00~20.00)μS/cm; (20.0~200.0)μS/cm; (200~2000)μS/cm; (2.00~20.00)mS/cm; (20.0~200.0)mS/cm
Conductivity Resolution	0.01/0.1/1μS/cm; 0.01/0.1mS/cm



Conductivity Meter
SKU: BFU-4901

Conductivity Meter Series 200

Specification	Conductivity Meter SKU: BMET-301	Conductivity Meter SKU: BMET-305
- Range	0.00 μS/cm to 100 mS/cm	0.00 μS/cm to 100 mS/cm
- Resolution	0.01 μS/cm minimum; changed with range	0.01 μS/cm minimum; changed with range
- Accuracy	± 1.5 % FS	± 1.0 % FS
- Reference Temperature	25 °C	25 °C
- Reading Mode	Continuous	Continuous



Conductivity Meter
SKU: BMET-301



Conductivity Meter
SKU: BMET-305

Conductivity Meter Series 200

Specification	Conductivity Meter SKU: BMET-302	Conductivity Meter SKU: BMET-303
- Range	0.00 µS/cm to 200 mS/cm	0.000 µS/cm to 1000 mS/cm
- Resolution	1.01 µS/cm minimum; changed with range	0.001 µS/cm minimum; changed with range
- Accuracy	± 1.0 % FS	± 1.0 % FS
- Reference Temperature	25 °C	20, 25 °C
- Standard Recognition	84 µS/cm, 1413 µS/cm, 12.88 mS/cm	85 µS/cm, 1413 µS/cm; 12.88 mS/cm



Conductivity Meter
SKU: BMET-302



Conductivity Meter
SKU: BMET-303

Conductivity Meter Series 200

Specification	Conductivity Meter SKU: BMET-304	Conductivity Meter SKU: BMET-306	Conductivity Meter SKU: BMET-307
- Range	0.000 µS/cm to 3000 mS/cm	0.000 µS/cm to 500 mS/cm	0.000 µS/cm to 3000 mS/cm
- Resolution	0.001 µS/cm minimum; changed with range	0.001 µS/cm minimum; changed with range	1.001 µS/cm minimum; changed with range
- Accuracy	± 0.5 % FS	± 1.0 % FS	± 0.5 % FS
- Reference Temperature	5, 10, 15, 18, 20, 25 °C	20, 25 °C	5, 10, 15, 18, 20, 25 °C
- Calibration Points	Up to 5	Up to 3	Up to 5



Conductivity Meter
SKU: BMET-304



Conductivity Meter
SKU: BMET-306



Conductivity Meter
SKU: BMET-307

DO METER

OVERVIEW

Dissolved oxygen meters measure oxygen concentration in water using polarographic sensors. Models cover ranges from 0–20 mg/L to up to 99.99 mg/L with resolutions down to 0.01 mg/L, automatic temperature compensation, response times within 30 s and optional pH or multi-parameter functions for laboratory and field use.

Highlights

- Polarographic sensors
- 0–20 mg/L range
- 0.01 mg/L resolution
- Quick response

For Detailed Technical Info & Accessories

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CATALOG LINK

https://biolabscientific.com/content/catalogs/6304-Catalog-Biolab.pdf

DO Meter Series 100

Specification	DO Meter SKU: BFU-2901	DO Meter SKU: BFU-3501	DO Meter SKU: BFU-4301
DO Measuring range	(0 ~ 20.00) mg/L(ppm), (0 ~ 200.0)%	(0-20.00)mg/L(ppm), (0-200.0)%	(0-20.00)mg/L(ppm), (0-200.0)%
DO Resolution	0.1/0.01 mg/L(ppm), 1/0.1 %	0.1/0.01 mg/L(ppm), 1/0.1 %	0.1/0.01 mg/L(ppm), 1/0.1 %
DO Accuracy	Electrode: ±0.10 mg/L, Instrument: ±0.40 mg/L	Electrode: ±0.10 mg/L, Meter: ±0.40 mg/L	Electrode: ±0.10 mg/L, Meter: ±0.40 mg/L
DO Response time	≤30s (25°C, 90%response)	≤30s (25°C, 90% response)	≤30s (25°C, 90% response)
DO Residual current	≤0.1 mg/L	≤0.1 mg/L	≤0.1 mg/L



DO Meter
SKU: BFU-2901



DO Meter
SKU: BFU-3501



DO Meter
SKU: BFU-4301

DO Meter Series 100

Specification	DO Meter SKU: BFU-3001
pH Resolution	0.1/0.01 pH
pH Accuracy	Meter: ±0.01pH; Overall: ±0.02pH
pH Input impendance	≥1x1012 Ω
pH Stability	±0.01 pH/3h
pH Temp. compensation	(0~100)°C (Auto/manual)



DO Meter
SKU: BFU-3001

DO Meter Series 100

Specification	DO Meter SKU: BFU-5101
Measuring range DO	(0.000 ~ 90)mg/L (ppm)
Measuring range Temp.	(-10 ~ 110)°C
Resolution DO	0.01/0.1
Resolution Temp.	0.1°C
Resolution Saturation	(0.0 ~ 600)%



DO Meter
SKU: BFU-5101

DO Meter Series 200

Specification	DO Meter SKU: BMET-401	DO Meter SKU: BMET-402	DO Meter SKU: BMET-404
- Sensor Type	Polarographic	Polarographic	Polarographic
- Range	0.00 to 99.99 mg/L	1.00 to 99.99 mg/L	0.00 to 20.00 mg/L
- Resolution	0.01 mg/L	1.01 mg/L	1.01 mg/L
- Accuracy	± 0.3 mg/L (0.00 to 20.00 mg/L) ± 10% (20.00 to 99.99 mg/L)	± 0.3 mg/L (0.00 to 20.00 mg/L) ± 10% (20.00 to 99.99 mg/L)	± 0.3 mg/L
- Calibration Points	Air-saturated water or zero point	Air-saturated water or zero point	Air-saturated water or zero point



DO Meter
SKU: BMET-401



DO Meter
SKU: BMET-402



DO Meter
SKU: BMET-404

DO Meter Series 200

Specification	DO Meter SKU: BMET-403
- Sensor Type	Polarographic
- Range	0.00 to 99.99 mg/L
- Resolution	2.01 mg/L
- Accuracy	± 0.1 mg/L
- Calibration Reminder	Yes



DO Meter
SKU: BMET-403

GLOSS METER

OVERVIEW

Handheld gloss meters use a 60° geometry and comply with ISO 2813 and ASTM D 523 standards to measure surface gloss on paints, inks, plastics and other materials. They feature large color displays and provide 1 GU precision over ranges up to 1 000 GU.

Highlights

- 60° measurement geometry
- Wide gloss range
- Color LCD display
- Standards compliant

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https://biolabscientific.com/content/catalogs/6309-Catalog-Biolab.pdf

Gloss Meter Series 100

Specification	Gloss Meter SKU: BMET-901	Gloss Meter SKU: BMET-904
Optical Geometry	60°	60°
Standards compliant	ISO 2813, GB/T 9754, ASTM D 523	ISO 2813, GB/T 9754, ASTM D 523
Characteristic	It can be used for gloss measurement in paint, ink, paint, paper printing, plastic electronics, furniture, ceramics, electroplating, hardware, marble and other industries. Provide basic measurement mode, meet the basic gloss test. Large color display that displays multiple sets of test data simultaneously.	It can be used for gloss measurement in paint, ink, paint, paper printing, plastic electronics, furniture, ceramics, electroplating, hardware, marble and other industries. Provide basic measurement mode, meet the basic gloss test. Large color display that displays multiple sets of test data simultaneously.
Facula (mm)	9x15	9x15
Measuring range	0~300 GU	0~200 GU



Gloss Meter
SKU: BMET-901



Gloss Meter
SKU: BMET-904

Gloss Meter Series 100

Specification	Gloss Meter SKU: BMET-902	Gloss Meter SKU: BMET-903
Optical Geometry	60°	20°/60°/85°
Standards compliant	ISO 2813, ASTM D 523, GB/T 9754	ISO 2813, ASTM D 523, GB/T 9754
Facula (mm)	9x15	20°:10x10 60°:9x15 85°:5x36
Measuring range	0-1000 GU	20°:0-2000 GU 60°:0-1000 GU 85°:0-160 GU
Precision value	0.1 GU	0.1 GU



Gloss Meter
SKU: BMET-902



Gloss Meter
SKU: BMET-903

Gloss Meter Series 100

Specification	Gloss Meter SKU: BMET-905
Measuring Angle	60°
Measuring Range	0-200 GU
Measuring Area	9x15 mm
Division Value	1 GU
Measuring Modes	Basic mode



Gloss Meter
SKU: BMET-905

Gloss Meter Series 100

Specification	Gloss Meter SKU: BMET-906	Gloss Meter SKU: BMET-907
Measuring Angle	60°	20°/60°/85°
Measuring Area (mm)	60°: 9x15	20°: 9x10; 60°: 9x15; 85°: 5x38
Measuring Range	60°: 0-1000 GU	20°: 0-2000 GU; 60°: 0-1000 GU; 85°: 0-160 GU
Division Value	0.1 GU	0.1 GU
Measuring Time	0.5 s	0.5 s



Gloss Meter
SKU: BMET-906



Gloss Meter
SKU: BMET-907

HAZE METER

OVERVIEW

Haze meters use a 0/D integrating sphere and photoelectric array detector to measure total transmittance and haze of transparent materials. A 7-inch touch screen, open sample compartment and ASTM/ISO-compliant compensation methods support precise vertical or horizontal measurements with repeatability better than 0.08.

Highlights

- 0/D measurement geometry
- 7-inch touch screen
- High repeatability
- ASTM/ISO compliant

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https://biolabscientific.com/content/catalogs/6310-Catalog-Biolab.pdf

Haze Meter Series 100

Specification	Haze Meter SKU: BMET-1201
Optical Geometry	Transmission 0/D, Parallel light illumination, diffuse reflection reception
Standards compliant	ASTM D1003/1044, ISO 13468, ISO 14782, GB/T 2410, JJF 13032011, CIE 15.2, GB/T 3978, ASTM E308, JIS K7105, JIS K7361, JIS K7136
Integrating Sphere Size	Φ154 mm
Illuminant (lamp)	400-700 nm Combined LED Lamp (wavelength can be customized)
Spectral mode	ConcaveGrating



Haze Meter
SKU: BMET-1201

Haze Meter Series 100

Specification	Haze Meter SKU: BMET-1202
Optical Geometry	Transmission 0/D, Parallel light illumination, diffuse reflection reception
Standards compliant	ASTM D1003/1044, ISO 13468, ISO 14782, GB/T 2410, JJF 13032011, CIE 15.2, JIS K7105, JIS K7361, JIS K7136
Illuminant (lamp)	400-700 nm Combined LED Lamp
Spectral mode	/
Sensor	PD array detector, meeting CIE V(λ) 2° visual response



Haze Meter
SKU: BMET-1202

Haze Meter Series 100

Specification	Haze Meter SKU: BMET-1203	Haze Meter SKU: BMET-1204	Haze Meter SKU: BMET-1205
Features	Double caliber, with compensation port	Photoelectric integration, no compensation port	Photoelectric integration, no compensation port
Optical Geometry	Transmission 0/D, Parallel light illumination, diffuse reflection reception	Transmission 0/D, Parallel light illumination, diffuse reflection reception	Transmission 0/D, Parallel light illumination, diffuse reflection reception
Standards compliant	ASTM D1003/1044, ISO 14782, GB/T 2410, JJF 13032011, CIE 15.2, JIS K7105, JIS K7361, JIS K7136	ASTM D1003/1044, ISO 14782, GB/T 2410, JJF 13032011, CIE 15.2, JIS K7105, JIS K7361, JIS K7136	ASTM D1003/1044, GB/T 2410, JJF 13032011, CIE 15.2, JIS K7105, JIS K7361, JIS K7136
Integrating Sphere Size	Φ154 mm	Φ154 mm	Φ154 mm
Illuminant (lamp)	400-700 nm Combined LED Lamp	400-700 nm Combined LED Lamp	400-700 nm Combined LED Lamp



Haze Meter
SKU: BMET-1203



Haze Meter
SKU: BMET-1204



Haze Meter
SKU: BMET-1205

Haze Meter Series 100

Specification	Haze Meter SKU: BMET-1206	Haze Meter SKU: BMET-1207	Haze Meter SKU: BMET-1208
Features	Spectroscopy, with compensation port	Spectroscopy, with compensation port	Photoelectric integration, with compensation port
Optical Geometry	Transmittance: 0/D (0° viewing angle, diffused illumination)	Transmittance: 0/D (0° viewing angle, diffused illumination)	Transmittance: 0/D (0° viewing angle, diffused illumination)
Standards Compliant	ASTM D1003/1044, ISO 13468, ISO 14782, GB/T 2410, JJF 13032011, CIE 15.2, GB/T 3978, ASTM E308, JIS K7105, JIS K7361, JIS K7136	ASTM D1003/1044, ISO 13468, ISO 14782, GB/T 2410, JJF 13032011, CIE 15.2, GB/T 3978, ASTM E308, JIS K7105, JIS K7361, JIS K7136	ASTM D1003/1044, ISO 13468, ISO 14782, GB/T 2410, JJF 13032011, CIE 15.2, JIS K7105, JIS K7361, JIS K7136
Integrating Sphere Size	Φ154 mm	Φ154 mm	Φ154 mm
Illuminant	400-700 nm Combined LED Lamp (Wavelength can be customized)	400-700 nm Combined LED Lamp (Wavelength can be customized)	400-700 nm Combined LED Lamp



Haze Meter
SKU: BMET-1206



Haze Meter
SKU: BMET-1207



Haze Meter
SKU: BMET-1208

MULTI-PARAMETER ANALYZER

OVERVIEW

Multi-parameter analyzers in this range function as digital multimeters for electrical measurements. They provide multiple DC and AC voltage ranges up to about 1000 V with specified accuracies and are designed for portable laboratory or industrial testing where reliable, true RMS readings across several ranges are required.

Highlights

- Wide voltage ranges
- AC/DC measurement
- Specified accuracy
- Portable multimeter

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https://biolabscientific.com/content/catalogs/6308-Catalog-Biolab.pdf

Multi-parameter Analyzer Series 100

TABLE 1 OF 2

Specification	Multi-parameter Analyzer SKU: BMET-601	Multi-parameter Analyzer SKU: BMET-602	Multi-parameter Analyzer SKU: BMET-603	Multi-parameter Analyzer SKU: BMET-604	Multi-parameter Analyzer SKU: BMET-605
- Range	-2.00 to 20.00 pH	-3.00 to 20.00 pH	-2.000 to 20.000 pH	-3.000 to 20.000 pH	-2.00 to 20.00 pH
- Resolution	0.1, 0.01 pH	1.1, 0.01 pH	0.1, 0.01, 0.001 pH	1.1, 0.01, 0.001 pH	0.1, 0.01 pH
- Accuracy	± 0.01 pH	± 0.01 pH	± 0.002 pH	± 0.002 pH	± 0.02 pH
- Calibration Points	Up to 5	Up to 6	Up to 7	Up to 7	Up to 5
- Standard Customization	Yes	Yes	Yes	Yes	Yes



Multi-parameter Analyzer
SKU: BMET-601



Multi-parameter Analyzer
SKU: BMET-602



Multi-parameter Analyzer
SKU: BMET-603



Multi-parameter Analyzer
SKU: BMET-604



Multi-parameter Analyzer
SKU: BMET-605

Multi-parameter Analyzer Series 100

TABLE 2 OF 2

Specification	Multi-parameter Analyzer SKU: BMET-606	Multi-parameter Analyzer SKU: BMET-607	Multi-parameter Analyzer SKU: BMET-608	Multi-parameter Analyzer SKU: BMET-609
- Range	-2.00 to 20.00 pH	-2.00 to 20.00 pH	-2.000 to 20.000 pH	-2.000 to 20.000 pH
- Resolution	0.1, 0.01 pH	0.1, 0.01 pH	0.1, 0.01, 0.001 pH	0.1, 0.01, 0.001 pH
- Accuracy	± 0.02 pH	± 0.01 pH	± 0.002 pH	± 0.002 pH
- Calibration Points	Up to 5	Up to 5	Up to 8	Up to 8
- Standard Customization	Yes	Yes	Yes	Yes



Multi-parameter Analyzer
SKU: BMET-606



Multi-parameter Analyzer
SKU: BMET-607



Multi-parameter Analyzer
SKU: BMET-608



Multi-parameter Analyzer
SKU: BMET-609

Multi-parameter Analyzer Series 200

Specification	Multi-parameter Analyzer SKU: BMET-1100
- 600 mV/6 V/60 V/600 V/1000 V	± (0.5%+3)
- 6 V/60 V	± (0.8%+3)
- 600 V/750 V	± (1.0%+10)
- 60 µA/60 mA/600 mA	± (0.8%+3)
- 20 A	± (1.2%+3)



Multi-parameter Analyzer
SKU: BMET-1100

Multi-parameter Analyzer Series 200

Specification	Multi-parameter Analyzer SKU: BMET-1101
- 600 mV/6 V/60 V/600 V/1000 V	± (0.5%+3)
- 6 V/60 V	± (0.8%+3)
- 600 V/750 V	± (1%+10)
- 60 µA/600 µA/6 mA/60 mA/600 mA	± (0.8%+3)
10 A	± (1.2%+3)



Multi-parameter Analyzer
SKU: BMET-1101

Multi-parameter Analyzer Series 200

Specification	Multi-parameter Analyzer SKU: BMET-1102
- 600 mV / 6 V / 60 V / 600 V / 1000 V	± (0.5% + 3)
- 6 V / 60 V	± (0.8% + 3)
- 600 V / 750 V	± (1.0% + 10
- 60 µA / 60 mA / 600 mA	± (0.8% + 3)
- 20 A	± (1.2% + 3)



Multi-parameter Analyzer
SKU: BMET-1102

Multi-parameter Analyzer Series 200

Specification	Multi-parameter Analyzer SKU: BMET-1104
- 2 V / 20 V / 200 V	± (0.5% + 3)
- 600 V	± (0.8% + 5)
- 2 kΩ / 20 kΩ / 200 kΩ / 2 MΩ / 10 MΩ	± (1.0% + 3)



Multi-parameter Analyzer
SKU: BMET-1104

Multi-parameter Analyzer Series 200

Specification	Multi-parameter Analyzer SKU: BMET-1105
- 200 mV / 2 V / 20 V / 200 V	± (0.5% + 3)
- 600 V	± (0.8% + 5)
- 200 V / 600 V	± (0.8% + 3)
- 200 µA / 2000 µA / 20 mA / 200 mA	± (1.8% + 5)



Multi-parameter Analyzer
SKU: BMET-1105

Multi-parameter Analyzer Series 200

Specification	Multi-parameter Analyzer SKU: BMET-1106
- 200 mV / 2 V / 20 V / 200 V	± (0.5% + 2)
- 600 V	± (0.8% + 2)
- 2 V / 20 V / 200 V	± (1.2% + 10)
DC Current	± (1.0% + 2)
- 200 µA / 2 mA / 20 mA	± (1.0% + 2)



Multi-parameter Analyzer
SKU: BMET-1106

Multi-parameter Analyzer Series 200

Specification	Multi-parameter Analyzer SKU: BMET-1107
- 200 mV / 2 V / 20 V / 200 V	± (0.5% + 2)
- 600 V	± (0.8% + 2)
- 2 V / 20 V / 200 V	± (1.0% + 3)
- 200 µA / 2 mA / 20 mA / 200 mA	± (1.5% + 3)



Multi-parameter Analyzer
SKU: BMET-1107

Multi-parameter Analyzer Series 200

Specification	Multi-parameter Analyzer SKU: BMET-1108
DC Voltage	± (0.7% + 2)
- 60 mV / 600 mV / 6 V / 60 V / 600 V / 1000 V	± (0.7% + 2)
- 60 mV / 600 mV / 6 V / 60 V / 600 V / 750 V	± (0.8% + 3)
- 600 µA / 6000 µA / 60 mA / 600 mA	± (1.2% + 3)
- 6 A / 10 A	± (2.0% + 10)



Multi-parameter Analyzer
SKU: BMET-1108

Multi-parameter Analyzer Series 200

Specification	Multi-parameter Analyzer SKU: BMET-1109
- 6 V / 60 V / 600 V	± (0.8% + 3)
- 60 mV / 600 mV / 6 V / 60 V / 600 V / 750 V	± (0.8% + 3)
- 6 kΩ / 60 kΩ / 600 kΩ	± (1.0% + 3)
- 6 MΩ / 10 MΩ	± (1.2% + 5)
60 nF / 600 nF / 6 µF / 60 µF / 600 µF / 6 mF	± (4.0% + 5)



Multi-parameter Analyzer
SKU: BMET-1109

Multi-parameter Analyzer Series 200

Specification	Multi-parameter Analyzer SKU: BMET-1110
DC Voltage	± (0.8% + 3)
- 6 V / 60 V / 600 V	± (0.8% + 3)
- 60 mV / 600 mV / 6 V / 60 V / 600 V / 750 V	± (0.8% + 3)
- 600 mA	± (1.0% + 3)



Multi-parameter Analyzer
SKU: BMET-1110

Multi-parameter Analyzer Series 200

Specification	Multi-parameter Analyzer SKU: BMET-1111
- 300 mV	± (0.1% + 5)
- 3 V / 30 V / 300 V	± (0.05% + 5)
- 1000 V	± (0.1% + 5)
- 300 µA / 3 mA / 30 mA / 300 mA	± (0.5% + 10)
- 10 A	± (1.2% + 50)



Multi-parameter Analyzer
SKU: BMET-1111

Multi-parameter Analyzer Series 200

Specification	Multi-parameter Analyzer SKU: BMET-1112
- 400 mV / 4 V / 40 V / 400 V	± (0.8% + 2)
- 600 V	± (0.1% + 2)
- 40 V / 400 V / 600 V	± (1.2% + 10)
- 400 µA / 4 mA / 40 mA / 400 mA	± (0.1% + 2)
- 400 mA	± (1.5% + 2)



Multi-parameter Analyzer
SKU: BMET-1112

Multi-parameter Analyzer Series 200

Specification	Multi-parameter Analyzer SKU: BMET-1113
- 60 mV / 600 mV / 6 V / 60 V / 600 V	± (0.5% + 3)
- 60 mV / 600 mV / 6 V / 60 V / 600 V / 750 V	± (0.8% + 3)
- 600 µA / 6 mA / 60 mA / 600 mA	± (0.8% + 3)
- 6 A / 10 A	± (1.2% + 3)

METERS

PH METER

OVERVIEW

The pH meter line encompasses benchtop and portable instruments measuring pH from approximately −2 to 20 pH units with high resolution (0.01 pH) and accuracy (±0.01 pH). Many models incorporate additional measurements such as mV, conductivity, TDS and temperature.

Highlights

- Wide pH range
- High resolution
- Multifunctional options
- Benchtop or portable

For Detailed Technical Info & Accessories

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CATALOG LINK

https://biolabscientific.com/content/catalogs/6301-Catalog-Biolab.pdf

pH Meter Series 100

Specification	pH Meter SKU: BMET-207
pH Measuring Range	-2~20pH
Temperature Measurement Range	0 ~ 120°C
pH Resolution	0.1/0.01/0.001pH
mV Resolution	0.1mV
Temperature Resolution	0.1°C



pH Meter
SKU: BMET-207

pH Meter Series 200

TABLE 1 OF 2

Specification	pH Meter SKU: BFU-2201	pH Meter SKU: BFU-3401	pH Meter SKU: BFU-3801	pH Meter SKU: BFU-4001	pH Meter SKU: BFU-4201
pH Measuring range	(-2.000 ~ 20.000)pH	(-2.00 ~ 20.00)pH	(-2.00 - 19.99) pH	(-2.00 ~ 20.00)pH	(-1.999 ~ 19.999)pH
pH Resolution	0.1/0.01/0.001 pH	0.1/0.01 pH	0.1/0.01 pH	0.1/0.01 pH	0.1/0.01/0.001 pH
pH Accuracy	±0.002pH	±0.02pH	Meter:±0.01pH; Complete Kit: ±0.02pH	±0.02pH	Electrode: ±0.002 pH, Meter: ±0.01 pH
pH Auto calibration	1, 2, 3, 4, 5 point	1, 2, 3 point	1, 2, 3 point	1, 2, 3 point	1, 2, 3 point
pH Buffer	Europe & USA, NIST, China standards	Europe & USA, NIST, China standards	Europe & USA, NIST, China standards	Europe & USA, NIST, China standards	Europe & USA, NIST, China standards



pH Meter
SKU: BFU-2201



pH Meter
SKU: BFU-3401



pH Meter
SKU: BFU-3801



pH Meter
SKU: BFU-4001



pH Meter
SKU: BFU-4201

pH Meter Series 200

TABLE 2 OF 2

Specification	pH Meter SKU: BFU-4401	pH Meter SKU: BFU-4601
pH Measuring range	(-2.00 ~ 20.00)pH	(-1.999 ~ 19.999)pH
pH Resolution	0.1/0.01 pH	0.1/0.01/0.001 pH
pH Accuracy	±0.02pH	Electrode: ±0.002 pH, Meter: ±0.01 pH
pH Auto calibration	1, 2, 3 point	1, 2, 3 point
pH Buffer	Europe & USA, NIST, China standards	Europe & USA, NIST, China standards



pH Meter
SKU: BFU-4401



pH Meter
SKU: BFU-4601

pH Meter Series 200

Specification	pH Meter SKU: BFU-2601	pH Meter SKU: BFU-2801
pH Measuring range	(-2.00~19.99)pH	(-2.00~19.99)pH
pH Resolution	0.1/0.01 pH	0.1/0.01 pH
pH Accuracy	Meter:±0.01pH; Overall: ±0.02pH	Meter: ±0.01pH; Overall: ±0.02pH
pH Input impendance	≥1x1012 Ω	≥1x1012 Ω
pH Stability	±0.01 pH/3h	±0.01 pH/3h



pH Meter
SKU: BFU-2601



pH Meter
SKU: BFU-2801

pH Meter Series 200

Specification	pH Meter SKU: BFU-3201	pH Meter SKU: BFU-3202	pH Meter SKU: BFU-3601	pH Meter SKU: BFU-4002
pH Resolution	0.1/0.01 pH	0.01/0.001 pH	0.1/0.01 pH	0.01/0.001 pH
pH Accuracy	±0.02pH	±0.002pH	±0.02pH	±0.002pH
pH Auto calibration	1, 2, 3 point	1, 2, 3 point	1, 2, 3 point	1, 2, 3 point
pH Buffer	Europe & USA, NIST, China standards	Europe & USA, NIST, China standards	Europe & USA, NIST, China standards	Europe & USA, NIST, China standards
pH Input current	≤2x10-12 A	≤2x10-12 A	≤1x10-12 A	≤1x10-12 A



pH Meter
SKU: BFU-3201



pH Meter
SKU: BFU-3202



pH Meter
SKU: BFU-3601



pH Meter
SKU: BFU-4002

pH Meter Series 200

Specification	pH Meter SKU: BFU-4801
pH Measuring range	(-2 ~ 19.999)pH
pH Resolution	0.1/0.01pH
pHAccuracy	±0.02 pH
pH Input current	≤2x10-12 A
pH Input impendance	≥1x1012 Ω



pH Meter
SKU: BFU-4801

pH Meter Series 200

Specification	pH Meter SKU: BFU-5001
pH Measuring range	(-2 ~ 19.999)pH
pH Resolution	0.1/0.01pH
pH Accuracy	±0.02 pH
pH Input current	≤2x10-12 A
pH Input impendance	≥1x1012 Ω



pH Meter
SKU: BFU-5001

pH Meter Series 200

Specification	pH Meter SKU: BFU-5201	pH Meter SKU: BFU-5202
Parameters	pH/mV	pH/mV/°C
Range pH	0 ~ 14.00pH	-2 ~ 18.00pH
Range mV	±1999mV	±1999mV
Range Temp	-	(0.0 ~ 100)°C
Resolution Ph	0.01 pH	0.01 pH



pH Meter
SKU: BFU-5201



pH Meter
SKU: BFU-5202

pH Meter Series 200

Specification	pH Meter SKU: BFU-5203	pH Meter SKU: BFU-5204
Parameters	Conductivity	Conductivity/TDS/°C
Range Cond	(0~2x105) uS/cm	1.0.00μS/cm-100mS/cm
Range TDS	-	0-1000 mg/L
Range Temp	-	(0.0 ~ 60.0)°C
Accuracy Cond	±1.0%FS ±1bit	±0.5%FS



pH Meter
SKU: BFU-5203



pH Meter
SKU: BFU-5204

pH Meter Series 300

Specification	pH Meter SKU: BMET-201	pH Meter SKU: BMET-203
- Range	-2.00 to 14.00 pH	-2.000 to 20.000 pH
- Resolution	0.01 pH	0.1, 0.01, 0.001 pH
- Accuracy	± 0.01 pH	± 0.002 pH
- Calibration Points	Up to 2	Up to 6
- Standard Recognition	NIST buffers	NIST, GB, DIN buffers



pH Meter
SKU: BMET-201



pH Meter
SKU: BMET-203

pH Meter Series 300

Specification	pH Meter SKU: BMET-202	pH Meter SKU: BMET-204	pH Meter SKU: BMET-205	pH Meter SKU: BMET-206
- Range	-2.00 to 20.00 pH	-2.00 to 14.00 pH	-2.00 to 20.00 pH	-3.00 to 20.00 pH
- Resolution	0.1, 0.01 pH	0.01 pH	0.1, 0.01 pH	0.1, 0.01, 0.001 pH
- Accuracy	± 0.01 pH	± 0.01 pH	± 0.02 pH	± 0.002 pH
- Calibration Points	Up to 5	Up to 2	Up to 5	Up to 8
- Standard Customization	Yes	NIST buffers	Yes	Yes



pH Meter
SKU: BMET-202



pH Meter
SKU: BMET-204



pH Meter
SKU: BMET-205



pH Meter
SKU: BMET-206

PH/ION METER

OVERVIEW

pH/ion meters measure pH, ion concentration (pX), mV and solution concentration with temperature compensation. Instruments provide ranges from −2 to 20 pH with 0.01 pH resolution, optional units for concentration (mol/L, ppm, g/L) and are available in portable or benchtop designs.

Highlights

- pH and ion measurement
- mV and concentration display
- Temperature compensation
- Portable or benchtop

For Detailed Technical Info & Accessories

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CATALOG LINK

https://biolabscientific.com/content/catalogs/6302-Catalog-Biolab.pdf

pH/Ion Meter Series 100

Specification	pH/Ion Meter SKU: BFU-3901	pH/Ion Meter SKU: BFU-4701
Measurement Range pH/pX	(-2.00~20.00) pH, (0.00~14.00) pX	(-2.00~20.00) pH, (0.00~14.00) pX
Measurement Range mV	(-1999.9~1999.9) mV	(-1999.9~1999.9) mV
Measurement Range Concentration	(0~19990), optional uints: mol/L, ppm, g/L	(0~19990), optional uints: mol/L, ppm, g/L
Measurement Range Temperature	(-10~110.0)°C	(-10~110.0)°C
Resolution pH/pX	0.01pH/pX	0.01pH/pX



pH/Ion Meter
SKU: BFU-3901



pH/Ion Meter
SKU: BFU-4701

pH/Ion Meter Series 200

Specification	pH/Ion Meter SKU: BMET-501
- Sensor Type	Polarographic
- Range	0.00 to 99.99 mg/L
- Resolution	2.01 mg/L
- Accuracy	± 0.3 mg/L (0.00 to 20.00 mg/L); ± 10 % (20.00 to 99.99 mg/L)
- Calibration Reminder	Yes



pH/Ion Meter
SKU: BMET-501

pH/Ion Meter Series 200

Specification	pH/Ion Meter SKU: BMET-502
- Sensor Type	Optical
- Range	0.00 to 20.00 mg/L
- Resolution	1.01 mg/L
- Accuracy	± 0.3 mg/L (0.00 to 20.00 mg/L)
- Calibration Points	Air-saturated water or zero point



pH/Ion Meter
SKU: BMET-502

pH/Ion Meter Series 200

Specification	pH/Ion Meter SKU: BMET-503	pH/Ion Meter SKU: BMET-504	pH/Ion Meter SKU: BMET-505	pH/Ion Meter SKU: BMET-506
- Range	-2.00 to 20.00 pH	-2.000 to 20.000 pH	-3.000 to 20.000 pH	-2.00 to 20.00 pH
- Resolution	0.1, 0.01 pH	0.1, 0.01, 0.001 pH	1.1, 0.01, 0.001 pH	0.1, 0.01 pH
- Accuracy	± 0.01 pH	± 0.002 pH	± 0.002 pH	± 0.01 pH
- Calibration Points	Up to 5	Up to 6	Up to 7	Up to 5
- Standard Customization	Yes	Yes	Yes	Yes



pH/Ion Meter
SKU: BMET-503



pH/Ion Meter
SKU: BMET-504



pH/Ion Meter
SKU: BMET-505



pH/Ion Meter
SKU: BMET-506

pH/Ion Meter Series 200

Specification	pH/Ion Meter SKU: BMET-507
- Range	-2.000 to 20.000 pH
Resolution	0.1, 0.01, 0.001 pH
Accuracy	± 0.002 pH
Calibration Points	Up to 8
Standard Customization	Yes



pH/Ion Meter
SKU: BMET-507

METERS

THERMAL IMAGING CAMERA METERS

OVERVIEW

Portable thermal imaging camera meters offer IR resolutions from 32 × 32 to 320 × 240 pixels with 2.4- to 3.5-inch color displays and wide fields of view. They combine infrared and visible cameras for quick inspection and diagnostics across industrial and maintenance applications.

Highlights

- Multiple IR resolutions
- Color display
- Combined visible camera
- Wide field of view

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CATALOG LINK

https://biolabscientific.com/content/catalogs/6307-Catalog-Biolab.pdf

Thermal Imaging Camera Meters Series 100

Specification	Thermal Imaging Camera Meters SKU: BJF-101
Display screen	3.2" full angle TFT display screen
Infrared image resolution	256x192
Visible image resolution	640x480
Focus length	4.0 mm
Field angle	56°x42° / 4.0 mm



Thermal Imaging Camera Meters
SKU: BJF-101

Thermal Imaging Camera Meters Series 100

Specification	Thermal Imaging Camera Meters SKU: BJF-201
Display screen Infrared	2.4" color screen
Image resolution	32x32
Field angle	33°x33°
Frame rate	6 Hz
Focusing mode	Fixed



Thermal Imaging Camera Meters
SKU: BJF-201

METERS

TURBIDITY METER

OVERVIEW

Turbidity meters measure water clarity using 90° scattering or tube colorimetric methods. Models cover ranges from 0–20 NTU up to 0–4000 NTU with resolutions as fine as 0.01 NTU and accuracy around ±6–8 %, providing portable and benchtop options for water analysis.

Highlights

- Wide measurement range
- 90° scattering method
- Portable options
- Fine NTU resolution

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Turbidity Meter Series 100

Specification	Turbidity Meter SKU: BFU-5301	Turbidity Meter SKU: BFU-5401
Measurement Method	90° scattering method	90° scattering method
Applications	Drinking water, surface water, sewage	Drinking water, surface water, sewage
Measuring Range	0-200 NTU	0-500 NTU
Colorimetric Method	Tube Colorimetric	Tube Colorimetric
Accuracy	≤5%	≤5%



Turbidity Meter
SKU: BFU-5301



Turbidity Meter
SKU: BFU-5401

Turbidity Meter Series 200

Specification	Turbidity Meter SKU: BMET-701
- Range	(0 ~20.00) NTU, (20.0 ~200.0) NTU
- Resolution	0.01NTU, 0.1NTU, 1NTU
- Accuracy	≤ ±8 %
- Fluctuation	≤ ±1.0% FS/30 min
- Power Supply	AA Battery, AC Adapter 200-240 VAC input DC5V output



Turbidity Meter
SKU: BMET-701

Turbidity Meter Series 200

Specification	Turbidity Meter SKU: BMET-702	Turbidity Meter SKU: BMET-703
- Range	(0 ~20.00) NTU, (20.0 ~200.0) NTU	(0.000 ~20.00) NTU, (20.01 ~200.0) NTU, (200 ~2000) NTU, (2001 ~4000) NTU
- Accuracy	≤ ±8%	≤ ±6%
- Repeatability	≤ 1.0 %	≤ 0.5 %
- Fluctuation	≤ ±1.0 % FS/30xmin	≤ ±0.5 % FS/30xmin
- Power Supply	AC Adapter, 200-240 VAC input	AC Adapter, 200-240 VAC input



Turbidity Meter
SKU: BMET-702



Turbidity Meter
SKU: BMET-703

MICROPLATE READER

OVERVIEW

Microplate readers deliver precise absorbance measurements with repeatability <1% and excellent stability. Models support 96- or 384-well plates, feature halogen or xenon light sources covering 200-1100 nm, and offer large LCD or touch-screen interfaces with high linearity for quantitative assays.

Highlights

- High measurement repeatability
- Wide spectral range
- 96-/384-well formats
- LCD or touch-screen interface

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https://biolabscientific.com/content/catalogs/4201-Catalog-Biolab.pdf

Microplate Reader Series 100

Specification	Microplate Reader SKU: BFA-8601
Display	10 inch high-resolution capacitive touch screen
Light source	Xenon flash lamp / Number of flashes > 10^9
Wavelength range	200-1100 nm
Wavelength accuracy	2 nm
Wavelength repeatability	0.2 nm



Microplate Reader
SKU: BFA-8601

Microplate Reader Series 100

Specification	Microplate Reader SKU: BMRW-201
Display	10 inch high resolution capacitive touch screen
Light source	6V 10W halogen lamp
Wavelength range	340~750nm
Filter bandwidth	8~10 nm
Plate shaking	Yes, three options for speed



Microplate Reader
SKU: BMRW-201

Microplate Reader Series 200

Specification	Microplate Reader SKU: BFJ-201
Plate	96-well and 384-well
Dimension	318x450x265 (LxWxH)
Weight	22kg
Light Source (Optical)	Xenon lamp, flashes up to 10^8
Wavelength	200-1000nm



Microplate Reader
SKU: BFJ-201

Microplate Reader Series 200

Specification	Microplate Reader SKU: BFJ-301	Microplate Reader SKU: BFJ-302
Dimension	300x470x200mm	300x470x200mm
Weight	13kg	13kg
Light Source	6V10W long life halogen lamp	6V10W long life halogen lamp
Wavelength	340-750nm	400-750nm
Filter	Four filters of 405, 450, 492 and 630nm are equipped as standard, and up to eight filters can be loaded	Four filters of 405, 450, 492 and 630nm are equipped as standard, and up to eight filters can be loaded



Microplate Reader
SKU: BFJ-301



Microplate Reader
SKU: BFJ-302

Microplate Reader Series 300

Specification	Microplate Reader SKU: BMRW-101
Microplate types	96 / 48-well plate
Photodetector	Silicon Photodiode
Light source	8V / 50w Controlled tungsten halogen lamp
Wavelength range	400nm - 800nm
Standard filters	405, 450, 492, 630 nm & 4 optional



Microplate Reader
SKU: BMRW-101

Microplate Reader Series 400

Specification	Microplate Reader SKU: BMRW-102
Linearity	R≥0.995
Display	7 inch TFT LCD, 800x480 Pixels
Interface	RS~232, 4 USB ports, SD Card
Printer	Built-in printer, external printer
Power Supply	AC 100~240V, 50/60 Hz



Microplate Reader
SKU: BMRW-102

MICROPLATE WASHER

OVERVIEW

Microplate washers provide automated washing of 96-well plates. Equipped with 1×8 or 1×12 washing manifolds, multiple wash and waste bottles and LCD displays with RS-232 connectivity, they handle flat, U-, V- and C-bottom plates under universal AC power.

Highlights

- Automated washing manifolds
- Multiple wash/waste bottles
- LCD display with RS-232
- Compatible with 96-well plates

For Detailed Technical Info & Accessories

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https://biolabscientific.com/content/catalogs/4202-Catalog-Biolab.pdf

Microplate Washer Series 100

Specification	Microplate Washer SKU: BMRW-301
Wishing head	1x8, 1x12
Washing bottle	3x2L washing bottle, 1x4L waste bottle
Suitable microplates	96 well
Applicable plate type	Flat bottom, U-shaped, V-shaped, C-shaped
Injection volume accuracy	≤2%@300uL



Microplate Washer
SKU: BMRW-301

Microplate Washer Series 200

Specification	Microplate Washer SKU: BMRW-103	Microplate Washer SKU: BMRW-104	Microplate Washer SKU: BMRW-105
Display	5 inch LCD	Large LCD	Large LCD
Interface	RS-232 serial port	RS-232	RS-232
Power Supply	AC 100V-240V, 50 Hz/60 Hz	AC 110V-220V, 50 Hz	AC 110/220V±10%, 50±1 Hz
Dimension	390L x 330W x 177H mm	450L x 390W x 190H mm	610L x 460W x 240H mm
Plate Type	96-well plate or 48-well plate or strip	96-48-well plate or strip	96-well plate or strip



Microplate Washer
SKU: BMRW-103



Microplate Washer
SKU: BMRW-104



Microplate Washer
SKU: BMRW-105

MICROSCOPE

BIOLOGICAL MICROSCOPE

OVERVIEW

These biological microscopes feature monocular, binocular or trinocular heads with achromatic objectives from 4× to 100× (oil), paired with wide-field eyepieces and double-layer mechanical stages. Models are designed for clear imaging and ergonomic observation in educational and laboratory settings

Highlights

- Monocular/trinocular heads
- Achromatic objectives
- Wide-field eyepieces
- Mechanical stage

For Detailed Technical Info & Accessories

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https://biolabscientific.com/content/catalogs/6002-Catalog-Biolab.pdf

Biological Microscope Series 100

Specification	Biological Microscope SKU: BDL-16901
Eyepiece	10X
Objective	LWD infinity numerical aperture plan apochromatic objective 10X, 20X, 40X
Phase Contrast Objective	LWD Infinity Phase Contrast Objective 10X
Mechanical Tube Length	Infinite Distance system
Total Magnification	40X-400X



Biological Microscope
SKU: BDL-16901

Biological Microscope Series 100

Specification	Biological Microscope SKU: BMIC-201	Biological Microscope SKU: BMIC-202	Biological Microscope SKU: BMIC-203	Biological Microscope SKU: BMIC-204
Viewing Head	Sliding Trinocular Head Inclined at 45°	Sliding Trinocular Head Inclined at 45°	Compensation Free Trinocular Head inclined at 30°	10° LCD
Nosepiece	Ball Beating Quadruple Nosepiece	Ball Beating Quadruple Nosepiece	Ball Beating Quadruple Nosepiece	Ball Beating Quadruple Nosepiece
Eyepiece	WF10X/18mm	WF10X/18mm	WF10X/18mm	WF10X/18mm
Objective	Achromatic 4X, 10X, 40X(S), 100X(S, O)	Achromatic 4X, 10X, 40X(S), 100X(S, O)	Plan Achromatic 4X, 10X, 40X(S), 100X(S, O)	Plan Achromatic 4X, 10X, 40X(S), 100X(S, O)
Stage	Double Layer Mechanical Stage 135*140mm	Double Layer Mechanical Stage 135*140mm	Double Layer Mechanical Stage 135*140mm	Double Layer Mechanical Stage 135*140mm



Biological Microscope
SKU: BMIC-201



Biological Microscope
SKU: BMIC-202



Biological Microscope
SKU: BMIC-203



Biological Microscope
SKU: BMIC-204

Biological Microscope Series 100

Specification	Biological Microscope SKU: BMIC-205-A	Biological Microscope SKU: BMIC-206-B	Biological Microscope SKU: BMIC-601	Biological Microscope SKU: BMIC-602
Optical System	Finite Optical System	Infinite Optical System	/	Infinite optical system
Viewing Head	Seidentopf Binocular Viewing Head Inclined at 30°, Interpupillary 47~78mm	Seidentopf Trinocular Viewing Head Inclined at 30°, Interpupillary 47~78mm	Siedentopf binocular viewing head, inclined at 30°,	Siedentopf binocular viewing head, inclined at 30°,
Eyepiece	Wide Field Eyepiece WF 10X/18	Wide Field Eyepiece WF 10X/18	WF10X/18	WF10X/20
Objective	Achromatic Objective 4X, 10X, 40X, 100X	Infinite Semi-plan Achromatic Objectives 4X, 10X, 40X, 100X	Achromatic objective 4X,10X, 40X,100X	Infinite plan achromatic objective 4X,10X, 40X,100X
Nosepiece	Backward Quadruple Nosepiece	Quadruple Nosepiece	Quadruple nosepiece	Backward quadruple nosepiece



Biological Microscope
SKU: BMIC-205-A



Biological Microscope
SKU: BMIC-206-B



Biological Microscope
SKU: BMIC-601



Biological Microscope
SKU: BMIC-602

Biological Microscope Series 100

Specification	Biological Microscope SKU: BMIC-207	Biological Microscope SKU: BMIC-208
--Compensation Free Binocular Head, Inclined at 30°, Interpupillary Distance 48~75mm	yes	yes
--Valid Pixel	1280*1024(1.3M Pixel)	2048*1036(3.0M Pixel)
--Valid Pixel 1600*1200(2.0M Pixel)	·	/
--Valid Pixel 2052*1944(5.0M Pixel)	/	·
--Camera System Output Mode	USB2.0	USB2.0



Biological Microscope
SKU: BMIC-207



Biological Microscope
SKU: BMIC-208

Biological Microscope Series 100

Specification	Biological Microscope SKU: BMIC-301	Biological Microscope SKU: BMIC-302
Viewing Head	Sliding Binocular Head at 45°, 360° rotatable	Sliding Trinocular Head at 45°, 360° rotatable
Eyepiece	Eyepiece WF10X/18 with Scale of CrosshairEyepiece WF10X/18	Eyepiece WF10X/18 with Scale of CrosshairEyepiece WF10X/18
Objective	Strain free Achromatic Objective 4X, 10X, 40X	Strain free Achromatic Objective 4X, 10X, 40X
Nosepiece	Toward Quadruple Nosepiece, Center Adjustable	Toward Quadruple Nosepiece, Center Adjustable
Analyzer	Rotatable Analyzer with Gradation 0°~90°	Rotatable Analyzer with Gradation 0°~90°



Biological Microscope
SKU: BMIC-301



Biological Microscope
SKU: BMIC-302

Biological Microscope Series 100

Specification	Biological Microscope SKU: BMIC-401	Biological Microscope SKU: BMIC-402
View Head	Binocular head	Trinocular head
Fluorescent Straight Illumination	B(Blue), G(Green) exciting light filter system O ordinary light system 100W HBO Super high-pressured spherical mercury lamp	B(Blue), G(Green) exciting light filter system O ordinary light system 100W HBO Super high-pressured spherical mercury lamp
Protection Screen	Screen to resist the UV	Screen to resist the UV
Nosepiece	Quadruple nosepiece	Quadruple nosepiece
Connecting Wire	With 2 connectors	With 2 connectors



Biological Microscope
SKU: BMIC-401



Biological Microscope
SKU: BMIC-402

Biological Microscope Series 100

Specification	Biological Microscope SKU: BMIC-501
Optical System	Infinite Optical System
Viewing Head	Trinocular Head Inclined at 30°, Interpupillary Distance 48~75mm
Eyepiece	High-point, Extra Wide Field Eyepiece EW10X/22
Objective - LWD Infinite Plan Objective 4X/0.1, WD 17.3mm	yes
Objective - LWD Infinite Plan Objective 10X/0.25, WD 10mm	optional



Biological Microscope
SKU: BMIC-501

Biological Microscope Series 100

Specification	Biological Microscope SKU: BMIC-502
Optical System	Infinite optical system
Viewing Head	Seidentopf trinocular viewing head, inclined at 45°, 360° rotatable, Interpupillary 48~75mm
Eyepiece - Wide field eyepiece WF10X/22	yes
Eyepiece - Wide field eyepiece WF15X/16	optional
Eyepiece - Wide field eyepiece WF20X/12	optional



Biological Microscope
SKU: BMIC-502

Biological Microscope Series 100

Specification	Biological Microscope SKU: BMIC-503	Biological Microscope SKU: BMIC-504
Viewing Head	Trinocular viewing head, inclined at 45°	Trinocular viewing head, inclined at 30°
Eyepiece	WF10X/20mm	EW10X/22mm
Objective	LWD Plan objective 4X,10X,20X, 40X	LWD Infinite plan objective 4X,10X,20X, 40X Infinite plan objective 10X,20X, 40X
Stage	Double layers mechanical stage, stage size:224*172mm, central stage:φ110mm, moving range: 75*50mm	Plain stage: 160*250mm, glass insert, attachable mechanical stage, X-Y coaxial control, moving range: 120*78mm Auxiliary stage 70*180mm, Terasaki holder, Petri dish holderφ35mm/φ54mm/φ90mm, slide glass holderφ54mm
Condenser	NA 0.3 Abbe condenser W.D. 75mm	ELWD Condenser NA 0.3, LWD 72mm (without condenser 150mm)



Biological Microscope
SKU: BMIC-503



Biological Microscope
SKU: BMIC-504

Biological Microscope Series 100

Specification	Biological Microscope SKU: BMIC-701	Biological Microscope SKU: BMIC-702	Biological Microscope SKU: BMIC-703	Biological Microscope SKU: BMIC-704
Viewing Head	Monocular head inclined at 30°, 360° rotatable	Compensation free binocular head inclined at 30°, 360° rotatable	Compensation free trinocular head, 360° rotatable	Dual viewing head, one tube 30° inclined and another tube vertical, 360° rotatable
Achromatic Objectives	4X, 10X, 40X(Spring), 100X(Spring, Oil)	4X, 10X, 40X(Spring), 100X(Spring, Oil)	4X, 10X, 40X(Spring), 100X(Spring, Oil)	4X, 10X, 40X(Spring), 100X(Spring, Oil)
Eyepiece	Wide field eyepiece: WF10X(WF16X optional)	Wide field eyepiece: WF10X(WF16X optional)	Wide field eyepiece: WF10X(WF16X optional)	Wide field eyepiece: WF10X(WF16X optional)
Stage	Double layer mechanical stage size 115*125mm	Double layer mechanical stage size 115*125mm	Double layer mechanical stage size 115*125mm	Double layer mechanical stage size 115*125mm
Focusing	Coaxial coarse and fine adjustment, focusing range 30mm, focusing interval 0.002mm	Coaxial coarse and fine adjustment, focusing range 30mm, focusing interval 0.002mm	Coaxial coarse and fine adjustment, focusing range 30mm, focusing interval 0.002mm	Coaxial coarse and fine adjustment, focusing range 30mm, focusing interval 0.002mm



Biological Microscope
SKU: BMIC-701



Biological Microscope
SKU: BMIC-702



Biological Microscope
SKU: BMIC-703



Biological Microscope
SKU: BMIC-704

MICROSCOPE

METALLURGICAL MICROSCOPE

OVERVIEW

Metallurgical microscopes feature monocular, binocular or trinocular heads inclined for comfortable viewing. Quadruple nosepieces hold wide-field eyepieces and plan achromatic objectives (4X–100X), providing brightfield and darkfield imaging with long working distance optics; advanced models use infinite optical systems and cross-hair reticles.

Highlights

- Monocular/Trinocular options
- Wide-field eyepieces
- Plan achromatic objectives
- Brightfield & darkfield

For Detailed Technical Info & Accessories

Scan to view detailed technical information & accessories, or visit the link below.

CATALOG LINK

https://biolabscientific.com/content/catalogs/6003-Catalog-Biolab.pdf

Metallurgical Microscope Series 100

Specification	Metallurgical Microscope SKU: BMIC-801	Metallurgical Microscope SKU: BMIC-802	Metallurgical Microscope SKU: BMIC-803	Metallurgical Microscope SKU: BMIC-804
Viewing Head	Monocular Head Inclined at 45°	Binocular Head Inclined at 45°	Sliding Trinocular Head Inclined at 45°	Binocular Viewing Head Inclined at 30°
Nosepiece	Quadruple Nosepiece	Quadruple Nosepiece	Quadruple Nosepiece	Quadruple Nosepiece
Eyepiece	WF10X	WF10X	WF10X18mm	WF10X18mm
Objective	Achromatic Objective: 10X, 100XLWD Plan Achromatic Objective: 40X	Achromatic Objective: 10X, 100XLWD Plan Achromatic Objective: 40X	Achromatic Objectives 4X, 10X, 40X, 100X	LWD Plan Achromatic Objectives: 10X, 20X, 40X, 100X
Storage	Double Layer Mechanical Stage 200*180mm, qϕ10 well table plate, qϕ20 well table plate	Double Layer Mechanical Stage 200*180mm, qϕ10 well table plate, qϕ20 well table plate	Double Layer Mechanical Stage 140*135mm moving range 70*50mm	Double Layer Mechanical Stage 180*150mm moving range 15*15mm



Metallurgical Microscope
SKU: BMIC-801



Metallurgical Microscope
SKU: BMIC-802



Metallurgical Microscope
SKU: BMIC-803



Metallurgical Microscope
SKU: BMIC-804

Metallurgical Microscope Series 100

Specification	Metallurgical Microscope SKU: BMIC-805
Optical System	Infinite optical system
Extra Wide Field Eyepiece	EW10X/20 eyepiece with scale of cross hairEW10X/22
Infinite LWD Plan Achromatic Objective	5X/0.12/∞/-(BF/DF) LWD 10mm; 10X/0.25/∞/-(BF/DF) LWD 10mm ; 20X/0.4/∞/0(BF/DF) LWD 5mm; 50X/0.75/∞/0(BF/DF) LWD 1.3mm; 100X/0.9/∞/0(BF/DF) LWD 0.7mm
View Head	Siedentopf binocular viewing head, incline at 30°, Interpupillary 48mm~75mm
Kohler Incident Light	12V/50W halogen light, center and brightness adjustable.Polarizer and analyzerBuilt-in green, blue, yellow, gray and ground glass.DIC



Metallurgical Microscope
SKU: BMIC-805

MICROSCOPE

MICROCIRCULATION MICROSCOPE

OVERVIEW

Microcirculation microscopes integrate a built-in display and a 10× objective to provide magnifications up to 580×. Their coaxial coarse/fine focusing with mechanical limit stops, Z-axis movement and compact display sizes support clear visualization of capillary microcirculation.

Highlights

- Integrated display
- Magnification up to 580×
- Coaxial focusing system
- Mechanical Z-axis limits

For Detailed Technical Info & Accessories

Scan to view detailed technical information & accessories, or visit the link below.

CATALOG LINK

https://biolabscientific.com/content/catalogs/6001-Catalog-Biolab.pdf

Microcirculation Microscope Series 100

Specification	Microcirculation Microscope SKU: BMIC-101	Microcirculation Microscope SKU: BMIC-102	Microcirculation Microscope SKU: BMIC-103
Magnification	380X	480X	580X
Display Size(mm)	161*121	204*153	185*240
Objective	10X	10X	10X
Focus System	Coaxial coarse/slightly adjusted, Z axis movement, Mechanical upper and lower limits	Coaxial coarse/slightly adjusted, Z axis movement, Mechanical upper and lower limits	Coaxial coarse/slightly adjusted, Z axis movement, Mechanical upper and lower limits
Stage	360°revolve, X, Y axis movement, moving range 30*80mm	360°revolve, X, Y axis movement, moving range 30*80mm	360°revolve, X, Y axis movement, moving range 30*80mm



Microcirculation Microscope
SKU: BMIC-101



Microcirculation Microscope
SKU: BMIC-102



Microcirculation Microscope
SKU: BMIC-103

MICROSCOPE

STEREO ZOOM MICROSCOPE

OVERVIEW

Stereo microscopes offering straight or inclined binocular/trinocular heads with natural or transmitted illumination. They feature 2× & 4× objectives or zoom ranges from 0.67× to 4.5× (zoom ratio ~6.7:1), working distances around 57–100 mm and wide-field eyepieces.

Highlights

- Straight or inclined head
- Zoom 0.67–4.5×
- 57–100 mm working distance
- Wide-field eyepieces

For Detailed Technical Info & Accessories

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CATALOG LINK

https://biolabscientific.com/content/catalogs/6004-Catalog-Biolab.pdf

Stereo Zoom Microscope Series 100

Specification	Stereo Zoom Microscope SKU: BMIC-901	Stereo Zoom Microscope SKU: BMIC-902
Viewing Head	Binocular view head inclined at 60°	Trinocular view head inclined at 45°Digital view head inclined at 45°
Eyepiece	High point wide field adjustable eyepiece WF10X20mm	High point wide field adjustable eyepiece WF10X20mm
Zoom Objective	0.67X~4.5X	0.67X~4.5X
Zoom Ratio	6.7:1	6.7:1
Auxiliary Objective	0.5X/177mm, 1.5X/47mm, 2X/26mm	0.5X/177mm, 1.5X/47mm, 2X/26mm



Stereo Zoom Microscope
SKU: BMIC-901



Stereo Zoom Microscope
SKU: BMIC-902

Stereo Zoom Microscope Series 100

Specification	Stereo Zoom Microscope SKU: BMIC-903	Stereo Zoom Microscope SKU: BMIC-904	Stereo Zoom Microscope SKU: BMIC-905
Illumination	Natural light Binocular	Transilluminator/inclined light	Natural light
View Head And Body	Straight Head	Inclined viewing up-rotatable body	Inclined viewing body 360°rotatable
Objective	2X	2X&4X, 90° rotated	2X&4X, 360° rotated
Working Distance	80mm	57mm	100mm
Eyepiece	WF10X/20	WF10X/20	WF10X/20



Stereo Zoom Microscope
SKU: BMIC-903



Stereo Zoom Microscope
SKU: BMIC-904



Stereo Zoom Microscope
SKU: BMIC-905

MICROWAVE DIGESTER

OVERVIEW

Microwave digesters accelerate sample preparation using infrared/microwave heating and high-purity graphite conduction. Systems offer contactless IR temperature and pressure monitoring for each vessel, support 6–40 digestion vessels of 50–100 mL volume and operate up to 400 °C and 6 MPa for precise, high-pressure digestion.

Highlights

- Infrared/microwave heating
- Contactless temperature & pressure monitoring
- 6–40 vessel capacity
- Up to 400 °C & 6 MPa

For Detailed Technical Info & Accessories

Scan to view detailed technical information & accessories, or visit the link below.

CATALOG LINK

https://biolabscientific.com/content/catalogs/7101-Catalog-Biolab.pdf

Microwave Digester Series 100

Specification	Microwave Digester SKU: BMWD-204
Temperature Range	RT +5~450°C
Temperature Accuracy	±1°C(450°C)
Heating Method	Infrared heating and high-purity graphite conduction
Heating Insulation Method	Unique air duct insulation technology
Digestion Tube Capacity	300ml



Microwave Digester
SKU: BMWD-204

Microwave Digester Series 200

Specification	Microwave Digester SKU: BEY-1202	Microwave Digester SKU: BEY-1203	Microwave Digester SKU: BMWD-101
Vessel Quantity	8	10	6
Pressure Monitoring	Contactless pressure sensor	All vessels scanning monitoring	Contactless pressure sensor
Max. Working Pressure Range	6MPa	6MPa	6MPa
Temperature Monitoring	Contactless IR sensor	All vessels scanning monitoring	Contactless IR sensor
Max. Working Temperature	250°C	250°C	250°C



Microwave Digester
SKU: BEY-1202



Microwave Digester
SKU: BEY-1203



Microwave Digester
SKU: BMWD-101

Microwave Digester Series 200

TABLE 1 OF 2

Specification	Microwave Digester SKU: BMWD-102	Microwave Digester SKU: BMWD-103	Microwave Digester SKU: BMWD-104	Microwave Digester SKU: BMWD-107	Microwave Digester SKU: BMWD-108
Vessel Quantity	8	10	6	12	12
Temperature Monitoring	Contactless IR Sensor Temperature MonitoringEach Vessel Temperature ControlledTemperature Controlling Range: 50-400°CMax. Working Temperature: 250°CTemperature Accuracy: ±0.1°C	Contactless IR Sensor Temperature MonitoringEach Vessel Temperature ControlledTemperature Controlling Range: 50-400°CMax. Working Temperature: 250°CTemperature Accuracy: ±0.1°C	Contactless IR Sensor Temperature MonitoringEach Vessel Temperature ControlledTemperature Controlling Range: 50-400°CMax. Working Temperature: 250°CTemperature Accuracy: ±0.1°C	Contactless IR Sensor Temperature MonitoringEach Vessel Temperature ControlledTemperature Controlling Range: 50-400°CMax. Working Temperature: 250°CTemperature Accuracy: ±0.1°C	Contactless IR Sensor Temperature Monitoring; Each Vessel Temperature Controlled; Temperature Controlling Range: 50-400°C; Max. Working Temperature: 250°C; Temperature Accuracy: ±0.1°C
Pressure Monitoring	Contactless Sensor Pressure monitoringEach Vessel Pressure ControlledPressure Controlling Range: 0-15MPaMax. Working Pressure: 6MPaPressure Accuracy: ±0.01MPa	Contactless Sensor Pressure monitoringEach Vessel Pressure ControlledPressure Controlling Range: 0-15MPaMax. Working Pressure: 6MPaPressure Accuracy: ±0.01MPa	Contactless Sensor Pressure monitoringEach Vessel Pressure ControlledPressure Controlling Range: 0-15MPaMax. Working Pressure: 6MPaPressure Accuracy: ±0.01MPa	Contactless Sensor Pressure monitoringEach Vessel Pressure ControlledPressure Controlling Range: 0-15MPaMax. Working Pressure: 6MPaPressure Accuracy: ±0.01MPa	Contactless Sensor Pressure Monitoring; Each Vessel Pressure Controlled; Pressure Controlling Range: 0-15 MPa; Max. Working Pressure: 6 MPa; Pressure Accuracy: ±0.01 MPa
Vessel Volume	100mL	100mL	100mL	100mL	100 mL
Sample Vessel Material	Imported TFM	Imported TFM	Imported TFM	Imported TFM	Imported TFM



Microwave Digester
SKU: BMWD-102



Microwave Digester
SKU: BMWD-103



Microwave Digester
SKU: BMWD-104



Microwave Digester
SKU: BMWD-107



Microwave Digester
SKU: BMWD-108

Microwave Digester Series 200

TABLE 2 OF 2

Specification	Microwave Digester SKU: BMWD-109	Microwave Digester SKU: BMWD-110
Vessel Quantity	18	40
Temperature Monitoring	Contactless IR Sensor Temperature Monitoring; Each Vessel Temperature Controlled; Temperature Controlling Range: 50-400°C; Max. Working Temperature: 250°C; Temperature Accuracy: ±0.1°C	Contactless IR Sensor Temperature Monitoring; Each Vessel Temperature Controlled; Temperature Controlling Range: 50-400°C; Max. Working Temperature: 250°C; Temperature Accuracy: ±0.1°C
Pressure Monitoring	Contactless Sensor Pressure Monitoring; Each Vessel Pressure Controlled; Pressure Controlling Range: 0-15 MPa; Max. Working Pressure: 6 MPa; Pressure Accuracy: ±0.01 MPa	Contactless Sensor Pressure monitoring; Each Vessel Pressure Controlled; Pressure Controlling Range: 0-15 MPa; Max. Working Pressure: 6 MPa; Pressure Accuracy: ±0.01 MPa
Vessel Volume	100 mL	50 mL
Sample Vessel Material	Imported TFM	Imported TFM



Microwave Digester
SKU: BMWD-109



Microwave Digester
SKU: BMWD-110

MIXER

VORTEX MIXER

OVERVIEW

Vortex mixers provide rapid orbital or 3-D mixing for test tubes, vials and plates. Models offer fixed or variable speeds from about 200 to 4000 rpm and small orbit diameters around 3–4.5 mm, with options for touch, continuous or rotating mixing modes.

Highlights

- Variable speed models
- 3-D rotating option
- Small orbit diameter
- Touch/continuous modes

For Detailed Technical Info & Accessories

Scan to view detailed technical information & accessories, or visit the link below.

CATALOG LINK

https://biolabscientific.com/content/catalogs/2601-Catalog-Biolab.pdf

Vortex Mixer Series 100

Specification	Vortex Mixer SKU: BSTH-101
Speed Range	300~3000rpm
Touch Vortex Speed	3500rpm
Shaking Orbit	3mm
Time Range	1s~99h59min
Voltage	AC 100~230V, 50/60Hz



Vortex Mixer
SKU: BSTH-101

Vortex Mixer Series 100

Specification	Vortex Mixer SKU: BTUR-301	Vortex Mixer SKU: BTUR-302
Speed Range	18rpm (Fixed Speed)	10rpm ~40rpm (Adjustable)
Reciprocating Swing Angle Range	/	20°~99° (Adjustable)
Time Range	/	1s~999min/Continuously
Voltage	AC 220V/AC 110V, 50/60Hz	AC 100 ~230V, 50/60Hz
Power	4W	4W



Vortex Mixer
SKU: BTUR-301



Vortex Mixer
SKU: BTUR-302

Vortex Mixer Series 100

Specification	Vortex Mixer SKU: BTUR-305	Vortex Mixer SKU: BTUR-306	Vortex Mixer SKU: BTUR-403
Speed Range	20rpm	40rpm	10rpm~80rpm
Gradient Angle Range	45° (fixed angle)	45° (fixed angle)	0°~90°
Time Range	/	/	1min~9999min
Voltage	AC 220V/AC 110V, 50/60Hz	AC 220V/AC 110V, 50/60Hz	AC 100~230V, 50/60Hz
Power	14W	14W	35W



Vortex Mixer
SKU: BTUR-305



Vortex Mixer
SKU: BTUR-306



Vortex Mixer
SKU: BTUR-403

Vortex Mixer Series 100

Specification	Vortex Mixer SKU: BTUR-402
Speed Range	10rpm~80rpm
Shaking Orbit	circle
Time Range	1min~99h59min
Voltage	AC 100~230V, 50/60Hz
Power	16W



Vortex Mixer
SKU: BTUR-402

Vortex Mixer Series 100

Specification	Vortex Mixer SKU: BVMX-102	Vortex Mixer SKU: BVMX-104	Vortex Mixer SKU: BVMX-105
Speed Range	4000rpm	0~4000rpm	4000rpm
Switch mode	Jog switch	Jog switch+Knob adjust	Jog switch / One button long open
Shaking Orbit	4.5mm (circle)	4.5mm (circle)	4.5mm (circle)
Max. Sample Capacity	50ml	50ml	50ml
Power Input /Output	1.2W / 0.8W	1.2W / 0.8W	1.2W / 0.8W



Vortex Mixer
SKU: BVMX-102



Vortex Mixer
SKU: BVMX-104



Vortex Mixer
SKU: BVMX-105

Vortex Mixer Series 100

Specification	Vortex Mixer SKU: BVMX-201
Speed Range	500~2500rpm
Speed Accuracy	±1rpm
Shaking Orbit	4mm
Time Range	1s~9999min
Interval timing between impulse	1~10s



Vortex Mixer
SKU: BVMX-201

Vortex Mixer Series 100

Specification	Vortex Mixer SKU: BVMX-301	Vortex Mixer SKU: BVMX-302	Vortex Mixer SKU: BVMX-303
Operation	knob + scale	knob + scale	key + digital Display
Shaking Orbit	4mm	3mm	3mm
Shaking Mode	circle	circle	circle
Operation Mode	continuous or press running	continuous or press running	continuous running or short mix
Speed Range	0~2500rpm	0~2500rpm	300~3000rpm



Vortex Mixer
SKU: BVMX-301



Vortex Mixer
SKU: BVMX-302



Vortex Mixer
SKU: BVMX-303

Vortex Mixer Series 100

Specification	Vortex Mixer SKU: BVMX-501
Application	Sample pretreatment, ultra-fine material preparation
Sample type	Hard, soft, elastic and fibrous samples
Sample Volume	Max. 2x50ml
Vibration frequency	Regular frequency: 180-1800 r/min, Up to: 2100 r/min
Grinding Kit Materials	Hardened steel, stainless steel, tungsten carbide, agate, Zirconia



Vortex Mixer
SKU: BVMX-501

Vortex Mixer Series 100

Specification	Vortex Mixer SKU: BVMX-601
Speed Range	1rpm-80rpm
Time Range	1s-99h59min
Operating relative humidity	No more than 80%
Voltage	AC 90~230V, 50/60Hz
Power	48W



Vortex Mixer
SKU: BVMX-601

Vortex Mixer Series 200

Specification	Vortex Mixer SKU: BVMX-101
Voltage	100-240V
Frequency	50/60Hz
Power	12W
Mixing motion	Orbital
Revolving diameter	4.8mm



Vortex Mixer
SKU: BVMX-101

Vortex Mixer Series 200

Specification	Vortex Mixer SKU: BVMX-103	Vortex Mixer SKU: BVMX-403
Voltage, Frequency	100-120V/200-240V, 50/60Hz	100-120V/200-240V, 50/60Hz
Power	60W	60W
Mixing motion	Orbital	Orbital
Orbital diameter	4mm	4mm
Motor type	Shaded pole motor	Shaded pole motor



Vortex Mixer
SKU: BVMX-103



Vortex Mixer
SKU: BVMX-403

Vortex Mixer Series 200

Specification	Vortex Mixer SKU: BVMX-404
Shaking movement	Orbital
Orbital diameter	4.5mm
Max. shaking weight (with accessory)	0.5kg
Motor type	Brushless DC motor
Motor rating input	18W



Vortex Mixer
SKU: BVMX-404

Vortex Mixer Series 300

Specification	Vortex Mixer SKU: BVMX-401	Vortex Mixer SKU: BVMX-402
Speed Range	200-3000 rpm/min,stepless speed regulating	200-3000 rpm/min,stepless speed regulating
Orbital Diameter	4.5mm	4.5mm
Motion	circumferential	circumferential
Motor rating output	20	20
Maximum Load Capacity	1 kg	1 kg



Vortex Mixer
SKU: BVMX-401



Vortex Mixer
SKU: BVMX-402

NUCLEIC ACID PURIFICATION SYSTEM

AUTOMATIC NUCLEIC ACID EXTRACTION SYSTEM

OVERVIEW

Automatic nucleic acid extraction systems use magnetic bead or paramagnetic particle methods to isolate DNA and RNA. Models process 32 to 96 samples per run, handling 20–1000 µL volumes with recoveries exceeding 98 % and touchscreen-controlled operation.

Highlights

- Magnetic bead methods
- 32–96 samples
- 20–1000 µL volume
- ≥98 % recovery

For Detailed Technical Info & Accessories

Scan to view detailed technical information & accessories, or visit the link below.

CATALOG LINK

https://biolabscientific.com/content/catalogs/4302-Catalog-Biolab.pdf

Automatic Nucleic Acid Extraction System Series 100

Specification	Automatic Nucleic Acid Extraction System SKU: BNPS-201
Sample Capacity Screen	10.1-inch touch screen
Sample Volume	60µl~1000µl
Sample Capacity	1~96
Magnetic Bead Recovery	>98%
Extraction Time	Depending on the reagents



Automatic Nucleic Acid Extraction System
SKU: BNPS-201

Automatic Nucleic Acid Extraction System Series 100

Specification	Automatic Nucleic Acid Extraction System SKU: BNPS-202
Extraction Method	Magnetic beads
Sample Capacity	32
Processing Volume	20~1000µl
Extraction Time	15~60min
Magnetic Bead Recovery	≥98%



Automatic Nucleic Acid Extraction System
SKU: BNPS-202

Automatic Nucleic Acid Extraction System Series 100

Specification	Automatic Nucleic Acid Extraction System SKU: BNPS-203
Extraction Method	Magnetic bead method
Working Mode	Automatic sampling + Nucleic acid extraction + PCR reaction system addition
Throughput	1~96, linear slide type sample rack
Extraction Volume	20~1000μl
Processing Time	Complete processing of 96 samples within 60 minutes (Related to reagents)



Automatic Nucleic Acid Extraction System
SKU: BNPS-203

Automatic Nucleic Acid Extraction System Series 100

Specification	Automatic Nucleic Acid Extraction System SKU: BNPS-204
Nucleic Acid Extraction Method	Paramagnetic particle method
Sample Capacity	96-well
Sample Volume	20~1000μl
Extraction Time	11min~60min
Magnetic Bead Recovery	≥98%



Automatic Nucleic Acid Extraction System
SKU: BNPS-204

Automatic Nucleic Acid Extraction System Series 100

Specification	Automatic Nucleic Acid Extraction System SKU: BNPS-206	Automatic Nucleic Acid Extraction System SKU: BNPS-207
Sample Quantity	32	48
Processing Volume	60μl~1000μl	60μl~1000μl
Sample Volume	20~500μl	20~500μl
Sample Throughput	1~32	48
Magnetic Bead Recovery	>98%	>98%



Automatic Nucleic Acid Extraction System
SKU: BNPS-206



Automatic Nucleic Acid Extraction System
SKU: BNPS-207

Automatic Nucleic Acid Extraction System Series 200

Specification	Automatic Nucleic Acid Extraction System SKU: BNPS-208
Processing volume	50-1000ul
Sample throughput	1~32
Magnetic bead recovery efficiency	>98%
Board type	96-well deep well plate
Magnetic bar	32 fixed



Automatic Nucleic Acid Extraction System
SKU: BNPS-208

NUCLEIC ACID PURIFICATION SYSTEM

NUCLEIC ACID PURIFICATION SYSTEM

OVERVIEW

These automated nucleic acid purification systems use magnetic-bead technology to extract DNA/RNA quickly and efficiently. Remote-controlled tablets with pre-loaded protocols support 15–48 samples. Integrated heating and UV sterilization deliver high-quality nucleic acids in minutes.

Highlights

- Magnetic-bead extraction
- Remote control tablet
- Rapid processing
- UV contamination control

For Detailed Technical Info & Accessories

Scan to view detailed technical information & accessories, or visit the link below.

CATALOG LINK

https://biolabscientific.com/content/catalogs/4301-Catalog-Biolab.pdf

Nucleic Acid Purification System Series 100

Specification	Nucleic Acid Purification System SKU: BFJ-401
Throughput	1-32
Process Volume	20-1000ul
Consumable	96 deepwell plate+ Magnetic rods tip
Collection Efficiency	≥98%
Stability	CV≤3%



Nucleic Acid Purification System
SKU: BFJ-401

Nucleic Acid Purification System Series 100

Specification	Nucleic Acid Purification System SKU: BFJ-901	Nucleic Acid Purification System SKU: BFJ-902
Sample Capacity	16x0.2ml(2x8well, dual block)	16x0.2ml(2x8well, dual block)
Formats	Clear 0.2 ml PCR tube /8-tube strips	Clear 0.2 ml PCR tube /8-tube strips
Reaction Volume	15-100µl	15-100µl
Temperature Control Technology	Marlow customized Peltier allow 1,000,000 cycles	Marlow customized Peltier allow 1,000,000 cycles
Temperature Range	0-100°C	0-100°C



Nucleic Acid Purification System
SKU: BFJ-901



Nucleic Acid Purification System
SKU: BFJ-902

Nucleic Acid Purification System Series 200

Specification	Nucleic Acid Purification System SKU: BNPS-101
Processing Volume	30 - 1500 µl, 30 - 1000 µl
Capacity	15, 32, 48 samples per run customized
Collection Efficiency of the Magnetic Particles	≥95%
Heating Temperature For Cell Lysis	Room temperature to 120°C
Heating Temperature for Nucleic Acid Elution	Room temperature to 120°C



Nucleic Acid Purification System
SKU: BNPS-101

OPERATION LIGHT

DIGITAL IMAGE OPERATION LIGHT

OVERVIEW

Digital image operation lights provide shadowless, high-intensity LED illumination for surgical suites. They use imported cold LED sources, offer stepless digital brightness control, adjustable light field size and color temperature, and long 50,000-hour lamp life with easy-to-clean, sterilizable handles.

Highlights

- LED cold light source
- Stepless brightness control
- Adjustable light field
- Long lamp life

For Detailed Technical Info & Accessories

Scan to view detailed technical information & accessories, or visit the link below.

CATALOG LINK

https://biolabscientific.com/content/catalogs/4401-Catalog-Biolab.pdf

Digital Image operation light Series 100

Specification	Digital Image operation light SKU: BGY-2101
Diameter of lighthead (cm)	Combined type
Illumination at 1m	80000 / 160000 Lux
Light field diameter	10-28 at 1m (cm)
D10 (mm)	180±40
Diameter of spot D50 (mm)	110±35



Digital Image operation light
SKU: BGY-2101

OPERATION LIGHT

HOLE TYPE OPERATION LIGHT

OVERVIEW

Hole-type operation lights provide uniform illumination for surgical procedures. They deliver high-intensity lighting up to 160,000 lux, maintain consistent 4,500 K color temperature and high color rendering, and offer deep, focused light beams for precise visualization.

Highlights

- High illumination intensity
- Stable color temperature
- High color rendering
- Deep light beam

For Detailed Technical Info & Accessories

Scan to view detailed technical information & accessories, or visit the link below.

CATALOG LINK

https://biolabscientific.com/content/catalogs/4402-Catalog-Biolab.pdf

Hole type operation light Series 100

TABLE 1 OF 2

Specification	Hole type operation light SKU: BGY-2701	Hole type operation light SKU: BOPL-201	Hole type operation light SKU: BOPL-203	Hole type operation light SKU: BOPL-204	Hole type operation light SKU: BOPL-205
Illumination	80000LUX (at 1m distance)	80,000LUX (at 1m distance)	80,000LUX	≥160,000LUX	160,000LUX Illumination of supplementary lamp - 800000 lux
Color temperature	4500K±500K	4500K±500K	4500K±500K	4500K±500K	4500K±500K
Color rendering Index	100≥Ra≥85	100≥Ra≥85	100≥Ra≥85	100≥Ra≥85	100≥Ra≥85
Depth of light beam	>500 cm	>500 cm	>500 cm	>500 cm	>500 cm
Temperature rise on the head of the patient under surgical operation	≤2°C	≤2°C	≤2°C	≤2°C	≤2°C



Hole type operation light
SKU: BGY-2701



Hole type operation light
SKU: BOPL-201



Hole type operation light
SKU: BOPL-203



Hole type operation light
SKU: BOPL-204



Hole type operation light
SKU: BOPL-205

Hole type operation light Series 100

TABLE 2 OF 2

Specification	Hole type operation light SKU: BOPL-207
Illumination	140,000 Lux (at 1m distance)
Color temperature	4500K±500K
Color rendering Index	100≥Ra≥85
Depth of light beam	>500 cm
Temperature rise on the head of the patient under surgical operation	≤2°C



Hole type operation light
SKU: BOPL-207

Hole type operation light Series 100

Specification	Hole type operation light SKU: BOPL-202
Illumination	60,000LUX
Color temperature	4500K±500K
Color rendering Index	100≥Ra≥85
Temperature rise on the head of the patient under surgical operation	≤2°C
Service range for temperature rise	≤10°C



Hole type operation light
SKU: BOPL-202

OPERATION LIGHT

INTEGRATED OPERATION LIGHT

OVERVIEW

Integrated operating lights provide bright, shadow-free illumination for surgical procedures. Models offer illumination ranges around 60,000–160,000 lux at 1 m, high color rendering (Ra 85–100), fixed color temperature near 4500 K, automatic switching between primary and standby lamps, and low heat generation for patient comfort.

Highlights

- 60k–160k lux output
- High color rendering
- Automatic lamp switching
- Low heat rise

For Detailed Technical Info & Accessories

Scan to view detailed technical information & accessories, or visit the link below.

CATALOG LINK

https://biolabscientific.com/content/catalogs/4403-Catalog-Biolab.pdf

Integrated operation light Series 100

Specification	Integrated operation light SKU: BOPL-301	Integrated operation light SKU: BOPL-303	Integrated operation light SKU: BOPL-304	Integrated operation light SKU: BOPL-306
Illumination	60,000-120,000LX (at 1m distance)	80,000-160,000LX (at 1m distance)	80,000-140,000/80,000-140,000 LUX (at 1m distance)	80000~160000 / 60000~120000 LUX (at 1m distance)
Color temperature	4500K±500K	4500K±500K	4500K±500K	4500K±500K
Color rendering Index	100≥Ra≥85	100≥Ra≥85	100≥Ra≥85	100≥Ra≥85
Diameter of lamp holder	500 mm	700 mm	600/600 mm	700/500 mm
Shift of major and stand by lamps	automatic	automatic	automatic	automatic



Integrated operation light
SKU: BOPL-301



Integrated operation light
SKU: BOPL-303



Integrated operation light
SKU: BOPL-304



Integrated operation light
SKU: BOPL-306

Integrated operation light Series 100

Specification	Integrated operation light SKU: BOPL-302	Integrated operation light SKU: BOPL-305
Illumination	80,000-160,000LX (at 1m distance)	80,000-160,000LX x2 (at 1m distance)
Color temperature	4500K±500K	4500K±500K
Temperature rise	≤12°C	≤12°C
Temperature rise on the head of the patient	≤2°C	≤2°C
Diameter of lamp holder	500 mm	700 mm x2



Integrated operation light
SKU: BOPL-302



Integrated operation light
SKU: BOPL-305

Integrated operation light Series 100

Specification	Integrated operation light SKU: BOPL-307
Illumination	80000~140000 LUX (at 1m distance)
Color rendering Index	100≥Ra≥85
Diameter of lamp holder	600 mm
Shift of major and stand by lamps	automatic
Depth of light beam	≥700 cm



Integrated operation light
SKU: BOPL-307

OPERATION LIGHT

LED OPERATION LIGHT

OVERVIEW

LED surgical lights provide high-intensity illumination with adjustable brightness and color temperature. They offer high color rendering, low heat generation, and multiple head configurations for operating rooms, with sterilizable handles and long-life LED arrays for reliable performance.

Highlights

- Adjustable illumination
- Variable color temperature
- High color rendering
- Multi-head configurations

For Detailed Technical Info & Accessories

Scan to view detailed technical information & accessories, or visit the link below.

CATALOG LINK

https://biolabscientific.com/content/catalogs/4404-Catalog-Biolab.pdf

LED operation light Series 100

Specification	LED operation light SKU: BOPL-401
Illumination	40000-120000 Lux (at 1m distance)
Color temperature	(3500-4500) ±500K
Light field diameter	10-28 cm at 1m Light field diameter D10-180±40 mm
D50	110±35 mm
Depth of L1+L2 illumination	150 cm



LED operation light
SKU: BOPL-401

LED operation light Series 100

Specification	LED operation light SKU: BOPL-402	LED operation light SKU: BOPL-403
Illumination	40000-120000 Lux (at 1m distance)	40000-120000 Lux (at 1m distance)
Color temperature	4500K±500K	4500K±500K
Light field diameter	10-28 cm at 1m	10-28 cm at 1m
D10	180±40 mm	180±40 mm
Diameter of spot D50	110±35 mm	110±35 mm



LED operation light
SKU: BOPL-402



LED operation light
SKU: BOPL-403

LED operation light Series 100

Specification	LED operation light SKU: BOPL-404	LED operation light SKU: BOPL-601
Illumination	40000~160000 LUX/40000~160000 LUX Illumination at 1m on Endo mode- 10000 LUX	40000~160000 LUX/40000~160000 LUX Illumination at 1m on Endo mode- 10000 LUX
Color temperature	6700>Tc>3000K	5000>Tc>3000K
Color rendering Index	100≥Ra≥85 Red color rendering Index R9≥97	100≥Ra≥85 Red color rendering Index R9≥97 Green colour rendering index R11->97
Light field diameter	D10 180+40/180+40 mm	D10 180+40/180+40 mm electrically adjust
Depth of L1+L2 illumination	150 cm	150 cm



LED operation light
SKU: BOPL-404



LED operation light
SKU: BOPL-601

LED operation light Series 100

Specification	LED operation light SKU: BOPL-602
Illumination	40000~160000/40000~160000 LUX Illumination at 1m on endo mode- 10000 lux
Color temperature	6700>TC>3000K Endo model- 10000 lux
Color rendering Index	100≥Ra≥85
Ceiling height for installation	270-320 cm
Working distance	70-140 cm



LED operation light
SKU: BOPL-602

LED operation light Series 100

Specification	LED operation light SKU: BOPL-603	LED operation light SKU: BOPL-604
Illumination	40000~160000 LUX (at 1m distance)	40000~160000 LUX (at 1m distance)
Color temperature	6700>TC>3000K Endo model- 10000 lux	4500K±500K
Color rendering Index	100≥Ra≥85	100≥Ra≥85
Working distance	70-140 cm	70-140 cm
Diameter of spot D50	110+35 mm	110+35 mm



LED operation light
SKU: BOPL-603



LED operation light
SKU: BOPL-604

LED operation light Series 200

Specification	LED operation light SKU: BGZ-1802
Illumination	40000~120000 LuX
Color Temperature (K)	3000~5000
Color Rendering Index (Ra)	≥98
Special Color Rendering Index (R9)	≥98
Special Color Rendering Index (R13/R15)	≥99



LED operation light
SKU: BGZ-1802

LED operation light Series 200

Specification	LED operation light SKU: BOPL-405
Head dimensions	500mm
Illuminance Adjustable Range	25% - 100%
Color Temperature (K)	4000 - 5000 K
CRI (Ra)	95
CRI (R9 / R10 / R13)	R9: 90, R10: -, R13: 92



LED operation light
SKU: BOPL-405

LED operation light Series 200

Specification	LED operation light SKU: BOPL-406	LED operation light SKU: BOPL-407	LED operation light SKU: BOPL-409
Technical Parameters	700 LED head	700 LED head / 700 LED head	700 LED head / 700 LED head
Illumination Intensity	40,000 - 160,000 Lux	40,000 - 160,000 Lux	40,000 - 160,000 Lux
Color Temperature	3000 - 5000 K	3000 - 5000 K	3000 - 5000 K
Color Rendering Index (Ra)	≥ 98	≥ 98	≥ 98
Special Color Rendering Index (R9)	≥ 98	≥ 98	≥ 98



LED operation light
SKU: BOPL-406



LED operation light
SKU: BOPL-407



LED operation light
SKU: BOPL-409

OPERATION LIGHT

SINGLE-HOLE LAMP

OVERVIEW

Single-hole surgical lamps provide focused lighting for medical procedures. They deliver illumination of about 30 000 lux at a one-metre distance, feature a colour temperature around 4500 K, have a colour rendering index greater than 85 Ra and can tilt 180 degrees left or right for positioning.

Highlights

- 30 000 lux brightness
- 4500 K colour
- >85 Ra colour rendering
- 180° tilt

For Detailed Technical Info & Accessories

Scan to view detailed technical information & accessories, or visit the link below.

CATALOG LINK

https://biolabscientific.com/content/catalogs/4405-Catalog-Biolab.pdf

Single-hole lamp Series 100

Specification	Single-hole lamp SKU: BOPL-501	Single-hole lamp SKU: BOPL-502
Illumination	30000 LUX (at 1m distance)	30000 LUX (at 1m distance)
Color temperature	4500K±500K	4500K±500K
Color rendering Index	>85% Ra	>85% Ra
Tilt left and right	180°	180°
Tilt front and back	180°	180°



Single-hole lamp
SKU: BOPL-501



Single-hole lamp
SKU: BOPL-502

OPERATION TABLE

ELECTRIC OPERATION TABLE

OVERVIEW

Electric operation tables provide motorized height, lateral and Trendelenburg adjustments with a radiolucent sliding tabletop for imaging. Remote and foot controls, memory settings and stainless-steel base ensure precise positioning, while the high-density mattress offers patient comfort during surgery.

Highlights

- Radiolucent tabletop
- Motorized adjustments
- Remote and foot controls
- Stainless steel base

For Detailed Technical Info & Accessories

Scan to view detailed technical information & accessories, or visit the link below.

CATALOG LINK

https://biolabscientific.com/content/catalogs/4501-Catalog-Biolab.pdf

Electric Operation table Series 100

Specification	Electric Operation table SKU: BOPT-101
Backrest	-10°~75°, 500x480 mm
Height Adjustment	650/850 mm
Forward and back tilting	0~25°
Left tilt	0~18°
Right tilt	0~18°



Electric Operation table
SKU: BOPT-101

Electric Operation table Series 200

Specification	Electric Operation table SKU: BOPT-102	Electric Operation table SKU: BOPT-104	Electric Operation table SKU: BOPT-105
Table Length	2000±100 mm	2000±100 mm	2000±100 mm
Table Width	520±20 mm	520±20 mm	520±20 mm
Height Adjustment	(750~1000) ±50 mm	(700~1150) ±50 mm	(700~1150) ±50 mm
Tilt (left)/Tilt (Right)	≥15°/≥15°	≥15°/≥15°	≥15°/≥15°
Trendelenburg/Rev.-Trend	≥15°/≥15°	≥20°/≥20°	≥20°/≥20°



Electric Operation table
SKU: BOPT-102



Electric Operation table
SKU: BOPT-104



Electric Operation table
SKU: BOPT-105

Electric Operation table Series 200

Specification	Electric Operation table SKU: BOPT-106
Table Length	2000±100 mm
Table Width	520±20 mm
Height Adjustment	(750~1000) ±50 mm
Tilt (left)/Tilt (Right)	≥18°/≥18°
Trendelenburg/Rev-Trend	≥25°/≥35°



Electric Operation table
SKU: BOPT-106

OPERATION TABLE

MANUAL OPERATION TABLE

OVERVIEW

These manual operation tables employ hydraulic and pneumatic systems for 360° rotation and a super-low height design. Electric hydraulic double-cylinder lifts, stainless steel base and column, imported rotors and seal rings and multiple adjustable sections support various surgical positions.

Highlights

- Hydraulic & pneumatic
- 360° rotational design
- Stainless steel base
- Adjustable table sections

For Detailed Technical Info & Accessories

Scan to view detailed technical information & accessories, or visit the link below.

CATALOG LINK

https://biolabscientific.com/content/catalogs/4502-Catalog-Biolab.pdf

Manual Operation table Series 100

Specification	Manual Operation table SKU: BOPT-201
Table Length	2100±50 mm
Table Width	480±20 mm
Height Adjustment	(800~1050) ±20 mm
Head board upwards	≥45°
Head board downwards	≥90°



Manual Operation table
SKU: BOPT-201

Manual Operation table Series 100

Specification	Manual Operation table SKU: BOPT-202	Manual Operation table SKU: BOPT-203
Table Length	2000±50 mm	2000±50 mm
Table Width	500±20 mm	500±20 mm
Height Adjustment	(700~950) ±50 mm	(700~950) ±50 mm
Left tilt	≥15°	≥15°
Right tilt	≥15°	≥15°



Manual Operation table
SKU: BOPT-202



Manual Operation table
SKU: BOPT-203

Manual Operation table Series 100

Specification	Manual Operation table SKU: BOPT-204
Table Length	2000±50 mm
Table Width	600±20 mm
Height Adjustment	(700~950) ±50 mm
Working area length/width	520x500 mm
Trendelenburg/Rev-Trend	≥10°/≥12°



Manual Operation table
SKU: BOPT-204

OPERATION TABLE

MULTIFUNCTIONAL OPERATION TABLE

OVERVIEW

Multifunctional operation tables are manually controlled surgical tables designed for chest, abdominal, gynaecological and orthopaedic procedures. They provide adjustable length, width and height with Trendelenburg and reverse tilt positions. Durable imported sealing rings, integrated brakes and dual-side or handle-operated controls ensure stable positioning and reliable operation. Standard accessories support patient positioning.

Highlights

- Adjustable positions
- Dual-side controls
- Durable sealing ring
- Integrated brake

For Detailed Technical Info & Accessories

Scan to view detailed technical information & accessories, or visit the link below.

CATALOG LINK

https://biolabscientific.com/content/catalogs/4505-Catalog-Biolab.pdf

Multifunctional operation table Series 100

Specification	Multifunctional operation table SKU: BOPT-501	Multifunctional operation table SKU: BOPT-502
Table Length	2100±50 mm	2050±50 mm
Table Width	500±20 mm	500±20 mm
Height Adjustment	(750~950) ±50 mm	(750~950) ±50 mm
Trendelenburg/Rev-Trend	≥20°/≥15°	≥20°
Head board downwards	≥90°	≥90°



Multifunctional operation table
SKU: BOPT-501



Multifunctional operation table
SKU: BOPT-502

OPERATION TABLE

ORTHOPEDICS TRACTOR RACK

OVERVIEW

Orthopedics tractor racks extend operating tables for bone traction procedures. Adjustable table lengths and widths combine with horizontal rotation to 180° and controllable traction distances up to 200 mm, delivering versatile support for orthopaedic traction during surgery.

Highlights

- Adjustable table dimensions
- 180° rotation
- Controlled traction distance
- Versatile support

For Detailed Technical Info & Accessories

Scan to view detailed technical information & accessories, or visit the link below.

CATALOG LINK

https://biolabscientific.com/content/catalogs/4504-Catalog-Biolab.pdf

Orthopedics tractor rack Series 100

Specification	Orthopedics tractor rack SKU: BOPT-401	Orthopedics tractor rack SKU: BOPT-403
Table Length	1420±50 mm	1550±50 mm
Table Width	765±50 mm	450±50 mm
Traction device horizontal rotary	0-180°	0-180°
Traction distance	(0-200)+10%	(0-200)+10%
Traction Device height adjustment	>400 mm	>190 mm



Orthopedics tractor rack
SKU: BOPT-401



Orthopedics tractor rack
SKU: BOPT-403

Orthopedics tractor rack Series 100

Specification	Orthopedics tractor rack SKU: BOPT-402
Table Length	1700±10 mm
Table Width	750±100 mm
Traction device horizontal rotary	0-180°
Traction distance	(0-200)+10%



Orthopedics tractor rack
SKU: BOPT-402

OVEN / INCUBATOR

AIR-JACKETED MULTI GAS INCUBATOR

OVERVIEW

These air-jacketed multi-gas incubators use forced convection and microprocessor PID control to maintain precise temperatures. Temperature ranges typically span from ambient+3 up to 65 °C with resolutions around 0.1 °C, ensuring accurate culture conditions for biochemical and tri-gas applications.

Highlights

- Forced convection
- PID control
- Ambient+3 to 65 °C
- 0.1 °C resolution

For Detailed Technical Info & Accessories

Scan to view detailed technical information & accessories, or visit the link below.

CATALOG LINK

https://biolabscientific.com/content/catalogs/2418-Catalog-Biolab.pdf

Air-jacketed Multi gas Incubator Series 100

TABLE 1 OF 2

Specification	Air-jacketed Multi gas Incubator SKU: BIMA-106	Air-jacketed Multi gas Incubator SKU: BIMA-107	Air-jacketed Multi gas Incubator SKU: BIMA-108	Air-jacketed Multi gas Incubator SKU: BIMA-109	Air-jacketed Multi gas Incubator SKU: BOHA-313
Convection Mode	Forced Convection	Forced Convection	Forced Convection	Forced Convection	Forced Convection
Control System	Microprocessor PID	Microprocessor PID	Microprocessor PID	Microprocessor PID	Microprocessor PID
Temp. Range (°C)	0~65°C	0~65°C	0~65°C	0~65°C	0~65°C
Temp. resolution (°C)	0.1°C	0.1°C	0.1°C	0.1°C	0.1°C
Temp. Fluctuation (10~40°C)	±0.5°C	±0.5°C	±0.5°C	±0.5°C	±0.5°C



Air-jacketed Multi gas Incubator
SKU: BIMA-106



Air-jacketed Multi gas Incubator
SKU: BIMA-107



Air-jacketed Multi gas Incubator
SKU: BIMA-108



Air-jacketed Multi gas Incubator
SKU: BIMA-109



Air-jacketed Multi gas Incubator
SKU: BOHA-313

Air-jacketed Multi gas Incubator Series 100

TABLE 2 OF 2

Specification	Air-jacketed Multi gas Incubator SKU: BOHA-314	Air-jacketed Multi gas Incubator SKU: BOHA-315	Air-jacketed Multi gas Incubator SKU: BOHA-316
Convection Mode	Forced Convection	Forced Convection	Forced Convection
Control System	Microprocessor PID	Microprocessor PID	Microprocessor PID
Temp. Range (°C)	0~65°C	0~65°C	0~65°C
Temp. resolution (°C)	0.1°C	0.1°C	0.1°C
Temp. Fluctuation (10~40°C)	±0.5°C	±0.5°C	±0.5°C



Air-jacketed Multi gas Incubator
SKU: BOHA-314



Air-jacketed Multi gas Incubator
SKU: BOHA-315



Air-jacketed Multi gas Incubator
SKU: BOHA-316

Air-jacketed Multi gas Incubator Series 200

Specification	Air-jacketed Multi gas Incubator SKU: BIMA-101	Air-jacketed Multi gas Incubator SKU: BIMA-102
Temp. Control Method	Direct heat & air jacket	Direct heat & air jacket
Temp. Control sensor	Pt1000	Pt1000
Temp. Range (°C)	Amb. +3 to 55°C	Amb. +3 to 55°C
Temp. Accuracy (°C)	±0.1	±0.1
Recovery Time	≤7 mins (After 30 sec. Door opening)	≤7 mins (After 30 sec. Door opening)



Air-jacketed Multi gas Incubator
SKU: BIMA-101



Air-jacketed Multi gas Incubator
SKU: BIMA-102

Air-jacketed Multi gas Incubator Series 300

Specification	Air-jacketed Multi gas Incubator SKU: BIMA-113
Operating temperature range	From 5°C above ambient to 100°C
Time range	1 min - 99 h 59 min
Temp. control accuracy	≤ ±0.5°C
Display accuracy	0.1°C
Heating time	< 6 min (from 20°C to 57°C)



Air-jacketed Multi gas Incubator
SKU: BIMA-113

OVEN / INCUBATOR

BIOLOGICAL INDICATOR INCUBATOR

OVERVIEW

Compact incubators designed for biological indicator testing provide programmable incubation from ambient +5 °C up to 80 or 100 °C with timers up to 99 h 59 min. Microprocessor control ensures ±0.5 °C temperature accuracy and digital display resolution of 0.1 °C

Highlights

- Wide temperature range
- Long incubation timer
- ±0.5 °C accuracy
- Digital temperature display

For Detailed Technical Info & Accessories

Scan to view detailed technical information & accessories, or visit the link below.

CATALOG LINK

https://biolabscientific.com/content/catalogs/2402-Catalog-Biolab.pdf

Biological Indicator Incubator Series 100

Specification	Biological Indicator Incubator SKU: BIBI-201
Temp. Control Range	R.T. +5°C~100°C
Temp. Setting Range	5°C~100°C
Temp. Stability @ 56°C	±0.5°C
Temp. Display Accuracy	0.1°C
Time Range	1sec999sec or 1min999min



Biological Indicator Incubator
SKU: BIBI-201

Biological Indicator Incubator Series 200

Specification	Biological Indicator Incubator SKU: BIMA-111	Biological Indicator Incubator SKU: BIMA-112
Temp. control range	RT. +5 °C~80 °C	RT. +5 °C~100 °C
Timer range	1 min~99 h 59 min	1 min~99 h 59 min
Temp. control accuracy	±0.5 °C	±0.5 °C
Display accuracy	±0.1 °C	±0.1 °C
Heating time (25 to 57 °C)	≤6 min	≤6 min



Biological Indicator Incubator
SKU: BIMA-111



Biological Indicator Incubator
SKU: BIMA-112

BOD INCUBATOR

OVERVIEW

BOD incubators provide controlled environments for biochemical and microbial incubation, using forced-convection refrigeration to maintain temperatures between −10 and 65 °C. Models offer 0.1 °C resolution with internal volumes from approximately 70 to 800 L, supporting diverse sample loads

Highlights

- Forced convection cooling
- −10–65 °C range
- 0.1 °C resolution
- 70–800 L volumes

For Detailed Technical Info & Accessories

Scan to view detailed technical information & accessories, or visit the link below.

CATALOG LINK

https://biolabscientific.com/content/catalogs/2403-Catalog-Biolab.pdf

BOD Incubator Series 100

TABLE 1 OF 4

Specification	BOD Incubator SKU: BER-1901	BOD Incubator SKU: BER-1902	BOD Incubator SKU: BER-1903	BOD Incubator SKU: BER-1904	BOD Incubator SKU: BER-1905
Cycle Mode	Forced Convection	Forced Convection	Forced Convection	Forced Convection	Forced Convection
--Temp. Range	0~65°C	0~65°C	0~65°C	0~65°C	0~65°C
--Temp. Resolution Ratio	0.1°C	0.1°C	0.1°C	0.1°C	0.1°C
--Temp. Motion	High Temp.: ± 0.5°CLow Temp.: ± 1°C	High Temp.: ± 0.5°CLow Temp.: ± 1°C	High Temp.: ± 0.5°CLow Temp.: ± 1°C	High Temp.: ± 0.5°CLow Temp.: ± 1°C	High Temp.: ± 0.5°CLow Temp.: ± 1°C
--Temp. Uniformity	± 1°C	± 1°C	± 1°C	± 1°C	± 1°C



BOD Incubator
SKU: BER-1901



BOD Incubator
SKU: BER-1902



BOD Incubator
SKU: BER-1903



BOD Incubator
SKU: BER-1904



BOD Incubator
SKU: BER-1905

BOD Incubator Series 100

TABLE 2 OF 4

Specification	BOD Incubator SKU: BER-1906	BOD Incubator SKU: BER-2001	BOD Incubator SKU: BER-2002	BOD Incubator SKU: BER-2003	BOD Incubator SKU: BER-2004
Cycle Mode	Forced Convection	Forced convection	Forced convection	Forced convection	Forced convection
--Temp. Range	0~65°C	-10~65°C	-10~65°C	-10~65°C	-10~65°C
--Temp. Resolution Ratio	0.1°C	0.1°C	0.1°C	0.1°C	0.1°C
--Temp. Motion	High Temp.: ± 0.5°CLow Temp.: ± 1°C	High Temp.: ±0.5°C, Low Temp.: ±1°C	High Temp.: ±0.5°C, Low Temp.: ±1°C	High Temp.: ±0.5°C, Low Temp.: ±1°C	High Temp.: ±0.5°C, Low Temp.: ±1°C
--Temp. Uniformity	± 1°C	±1°C	±1°C	±1°C	±1°C



BOD Incubator
SKU: BER-1906



BOD Incubator
SKU: BER-2001



BOD Incubator
SKU: BER-2002



BOD Incubator
SKU: BER-2003



BOD Incubator
SKU: BER-2004

BOD Incubator Series 100

TABLE 3 OF 4

Specification	BOD Incubator SKU: BER-2005	BOD Incubator SKU: BER-2006	BOD Incubator SKU: BER-2101	BOD Incubator SKU: BER-2102	BOD Incubator SKU: BER-2103
Cycle Mode	Forced convection	Forced convection	Forced Convection	Forced Convection	Forced Convection
--Temp. Range	-10~65°C	-10~65°C	0-65°C	0-65°C	0-65°C
--Temp. Resolution Ratio	0.1°C	0.1°C	0.1°C	0.1°C	0.1°C
--Temp. Motion	High Temp.: ±0.5°C, Low Temp.: ±1°C	High Temp.: ±0.5°C, Low Temp.: ±1°C	High Temp: ±0.5°C, Low Temp: ±1°C	High Temp: ±0.5°C, Low Temp: ±1°C	High Temp: ±0.5°C, Low Temp: ±1°C
--Temp. Uniformity	±1°C	±1°C	±1.5°C	±1.5°C	±1.5°C



BOD Incubator
SKU: BER-2005



BOD Incubator
SKU: BER-2006



BOD Incubator
SKU: BER-2101



BOD Incubator
SKU: BER-2102



BOD Incubator
SKU: BER-2103

BOD Incubator Series 100

TABLE 4 OF 4

Specification	BOD Incubator SKU: BER-2104	BOD Incubator SKU: BER-2105	BOD Incubator SKU: BER-2106
Cycle Mode	Forced Convection	Forced Convection	Forced Convection
--Temp. Range	0-65°C	0-65°C	0-65°C
--Temp. Resolution Ratio	0.1°C	0.1°C	0.1°C
--Temp. Motion	High Temp: ±0.5°C, Low Temp: ±1°C	High Temp: ±0.5°C, Low Temp: ±1°C	High Temp: ±0.5°C, Low Temp: ±1°C
--Temp. Uniformity	±1.5°C	±1.5°C	±1.5°C



BOD Incubator
SKU: BER-2104



BOD Incubator
SKU: BER-2105



BOD Incubator
SKU: BER-2106

BOD Incubator Series 200

Specification	BOD Incubator SKU: BIBD-101	BOD Incubator SKU: BIBD-102	BOD Incubator SKU: BIBD-103	BOD Incubator SKU: BIBD-104
Inner size (mm) (HxWxD)	500x400x320	580x450x380	800x500x380	1000x550x450
Interior Volume (L)	70	100	150	250
Overall dimension (mm) (HxWxD)	1020x540x570	1100x590x620	1350x640x660	1550x690x660
Power (KW)	0.35	0.35	0.45	0.7
Temp range (°C)	0~65	0~65	0~65	0~65



BOD Incubator
SKU: BIBD-101



BOD Incubator
SKU: BIBD-102



BOD Incubator
SKU: BIBD-103



BOD Incubator
SKU: BIBD-104

BOD Incubator Series 300

Specification	BOD Incubator SKU: BIBD-201	BOD Incubator SKU: BIBD-204	BOD Incubator SKU: BIBD-205
Volume [L]	100	400	800
Type	Biochemical Incubator	Biochemical Incubator	Biochemical Incubator
Temp. Range [°C]	0~70	0~70	0~70
Temp. Resolution [°C]	0.1	0.1	0.1
Temp. Fluctuation [°C]	±0.5°C (heating) ±0.7°C (cooling)	±0.5°C (heating) ±0.7°C (cooling)	±0.5°C (heating) ±0.7°C (cooling)



BOD Incubator
SKU: BIBD-201



BOD Incubator
SKU: BIBD-204



BOD Incubator
SKU: BIBD-205

CLIMATIC CHAMBER

OVERVIEW

These climate chambers use forced convection and microprocessor PID control to maintain precise conditions for incubation and plant growth. With lighting, temperatures span 10–65 °C (without lighting 0–60 °C) at 0.1 °C resolution and selected models include humidity control.

Highlights

- Forced convection airflow
- 10–65 °C temperatures
- PID microprocessor control
- Lighting/humidity options

For Detailed Technical Info & Accessories

Scan to view detailed technical information & accessories, or visit the link below.

CATALOG LINK

https://biolabscientific.com/content/catalogs/2423-Catalog-Biolab.pdf

Climatic Chamber Series 100

TABLE 1 OF 2

Specification	Climatic Chamber SKU: BER-2401	Climatic Chamber SKU: BER-2402	Climatic Chamber SKU: BER-2403	Climatic Chamber SKU: BER-2501	Climatic Chamber SKU: BER-2502
Cycle Mode	Forced convection, Rear micropore. Supply air in front of the plate	Forced convection, Rear micropore. Supply air in front of the plate	Forced convection, Rear micropore. Supply air in front of the plate	Forced convection, Rear micropore. Supply air in front of the plate	Forced convection, Rear micropore. Supply air in front of the plate
--Temp. Range	Without illumination: 5 - 65°C; With illumination: 10 - 65°C	Without illumination: 5 - 65°C; With illumination: 10 - 65°C	Without illumination: 5 - 65°C; With illumination: 10 - 65°C	Without illumination: 5 - 65°C; With illumination: 10 - 65°C	Without illumination: 5 - 65°C; With illumination: 10 - 65°C
--Temp. Resolution Ratio	0.1°C	0.1°C	0.1°C	0.1°C	0.1°C
--Temp. Motion	±0.5°C	±0.5°C	±0.5°C	±0.5°C	±0.5°C
--Temp. Uniformity	±1.0°C	±1.0°C	±1.0°C	±1.0°C	±1.0°C



Climatic Chamber
SKU: BER-2401



Climatic Chamber
SKU: BER-2402



Climatic Chamber
SKU: BER-2403



Climatic Chamber
SKU: BER-2501



Climatic Chamber
SKU: BER-2502

Climatic Chamber Series 100

TABLE 2 OF 2

Specification	Climatic Chamber SKU: BER-2503
Cycle Mode	Forced convection, Rear micropore. Supply air in front of the plate
--Temp. Range	Without illumination: 5 - 65°C; With illumination: 10 - 65°C
--Temp. Resolution Ratio	0.1°C
--Temp. Motion	±0.5°C
--Temp. Uniformity	±1.0°C



Climatic Chamber
SKU: BER-2503

Climatic Chamber Series 200

TABLE 1 OF 2

Specification	Climatic Chamber SKU: BCCL-201	Climatic Chamber SKU: BCCL-202	Climatic Chamber SKU: BCCL-203	Climatic Chamber SKU: BCCL-301	Climatic Chamber SKU: BCCL-302
Convection Mode	Forced Convection	Forced Convection	Forced Convection	Forced Convection	Forced Convection
Control System	Thirty stages Microprocessor PID controller	Thirty stages Microprocessor PID controller	Thirty stages Microprocessor PID controller	Thirty stages Microprocessor PID controller	Thirty stages Microprocessor PID controller
Temp. range	10~65°C (with lighting) / 0~60°C (without lighting)	10~65°C (with lighting) / 0~60°C (without lighting)	10~65°C (with lighting) / 0~60°C (without lighting)	10~65°C (with lighting) / 0~60°C (without lighting)	10~65°C (with lighting) / 0~60°C (without lighting)
Temp. resolution	0.1	0.1	0.1	0.1	0.1
Temp. Fluctuation (10-40°C)	±1	±1	±1	±1	±1



Climatic Chamber
SKU: BCCL-201



Climatic Chamber
SKU: BCCL-202



Climatic Chamber
SKU: BCCL-203



Climatic Chamber
SKU: BCCL-301



Climatic Chamber
SKU: BCCL-302

Climatic Chamber Series 200

TABLE 2 OF 2

Specification	Climatic Chamber SKU: BCCL-303
Convection Mode	Forced Convection
Control System	Thirty stages Microprocessor PID controller
Temp. range	10~65°C (with lighting) / 0~60°C (without lighting)
Temp. resolution	0.1
Temp. Fluctuation (10-40°C)	±1



Climatic Chamber
SKU: BCCL-303

OVEN / INCUBATOR

CO2 INCUBATOR AIR JACKETED

OVERVIEW

Air-jacketed CO_2 incubators deliver stable cell culture environments using PID-controlled heating. They maintain temperatures from ambient +5 to 55 °C, provide 0.1 °C accuracy, CO_2 control ranges up to 20 % and chamber capacities around 40–80 L.

Highlights

- Air-jacketed heating
- RT+5–55 °C range
- 0–20 % CO_2 control
- PID precision control

For Detailed Technical Info & Accessories

Scan to view detailed technical information & accessories, or visit the link below.

CATALOG LINK

https://biolabscientific.com/content/catalogs/2404-Catalog-Biolab.pdf

CO2 Incubator Air Jacketed Series 100

Specification	CO2 Incubator Air Jacketed SKU: BER-8401	CO2 Incubator Air Jacketed SKU: BER-8402	CO2 Incubator Air Jacketed SKU: BER-8403	CO2 Incubator Air Jacketed SKU: BER-8404
Heating System	Air jacket	Air jacket	Air jacket	Air jacket
--Temp Range	RT+5~55°C	RT+5~55°C	RT+5~55°C	RT+5~55°C
--Temp Resolution Ratio	0.1°C	0.1°C	0.1°C	0.1°C
--Temp Fluctuation	±0.1°C	±0.1°C	±0.1°C	±0.1°C
--Temp Uniformity	±0.3°C	±0.3°C	±0.3°C	±0.3°C



CO2 Incubator Air Jacketed
SKU: BER-8401



CO2 Incubator Air Jacketed
SKU: BER-8402



CO2 Incubator Air Jacketed
SKU: BER-8403



CO2 Incubator Air Jacketed
SKU: BER-8404

CO2 Incubator Air Jacketed Series 200

Specification	CO2 Incubator Air Jacketed SKU: BCAJ-101	CO2 Incubator Air Jacketed SKU: BCAJ-102
Temp range (°C)	RT +5~60	RT +5~60
Accuracy (°C)	±0.1	±0.1
Fluctuation (%)	±0.5	±0.5
CO2 control range	0~20%	0~20%
Voltage (V)	220	220



CO2 Incubator Air Jacketed
SKU: BCAJ-101



CO2 Incubator Air Jacketed
SKU: BCAJ-102

CO2 Incubator Air Jacketed Series 200

Specification	CO2 Incubator Air Jacketed SKU: BCAJ-201	CO2 Incubator Air Jacketed SKU: BCAJ-202
Convection Mode	Forced Convection	Forced Convection
Control System	Microprocessor PID	Microprocessor PID
Temp. Range (°C)	RT+5°C~55°C	RT+5°C~55°C
Temp. Accuracy (°C)	0.1	0.1
Temp. Fluctuation (37°C)	±0.5	±0.5



CO2 Incubator Air Jacketed
SKU: BCAJ-201



CO2 Incubator Air Jacketed
SKU: BCAJ-202

CO2 Incubator Air Jacketed Series 300

Specification	CO2 Incubator Air Jacketed SKU: BCAJ-301	CO2 Incubator Air Jacketed SKU: BCAJ-302	CO2 Incubator Air Jacketed SKU: BCAJ-303	CO2 Incubator Air Jacketed SKU: BIBD-208	CO2 Incubator Air Jacketed SKU: BIBD-209
--Exterior dimensions (WxDxH, mm/inch)	637x762x909 (25.1x30x35.8)	615x768x865 (24.2x30.2x34.1)	910x763x795 (35.8x30x34.1)	780x820x944 (30.7x32.3x37.2)	780x820x944 (30.7x32.3x37.2)
--Interior dimensions (WxDxH, mm/inch)	470x530x607 (18.5x20.8x23.9)	470x530x607 (18.5x20.8x23.9)	600x588x600 (23.6x23.1x23.6)	607x583x670 (23.9x22.9x26.4)	607x583x670 (23.9x22.9x26.4)
--Interior Volume (L/cu.ft)	151L/5.3 cu.ft.	151L/5.3 cu.ft.	212L/7.5 cu.ft.	240L/8.5 cu.ft.	240L/8.5 cu.ft.
--Net Weight	80kg/176lbs	75kg/165lbs	95kg/209lbs	80kg/176lbs	80kg/176lbs
--Interior Material	Type 304, mirror finish, stainless steel	Type 304, mirror finish, stainless steel	Type 304, mirror finish, stainless steel	Type 304, mirror finish, stainless steel	Type 304, mirror finish, stainless steel



CO2 Incubator Air Jacketed
SKU: BCAJ-301



CO2 Incubator Air Jacketed
SKU: BCAJ-302



CO2 Incubator Air Jacketed
SKU: BCAJ-303



CO2 Incubator Air Jacketed
SKU: BIBD-208



CO2 Incubator Air Jacketed
SKU: BIBD-209

CO2 Incubator Air Jacketed Series 300

Specification	CO2 Incubator Air Jacketed SKU: BFN-501
--Chamber Volume (Liter/cu.ft)	185
--Net Weight	80kg (176 lbs)
--Interior Material	Stainless steel, type 304, mirror finish
--Exterior Material	Cold-rolled steel, powder coated
--Temp. Control method	Direct heat & air jacket (DHA)



CO2 Incubator Air Jacketed
SKU: BFN-501

CO2 Incubator Air Jacketed Series 300

Specification	CO2 Incubator Air Jacketed SKU: BFN-1001	CO2 Incubator Air Jacketed SKU: BIBD-207
Temp. Control Method	Direct heat & air jacket	Direct heat & air jacket
Temp. Control sensor	Pt1000	Pt1000
Temp. Range (°C)	Amb. +3 to 55°C	Amb. +3 to 55°C
Temp. Accuracy (°C)	±0.1	±0.1
Recovery Time	≤7 mins (After 30 sec. Door opening)	≤7 mins (After 30 sec. Door opening)



CO2 Incubator Air Jacketed
SKU: BFN-1001



CO2 Incubator Air Jacketed
SKU: BIBD-207

CO2 Incubator Air Jacketed Series 400

Specification	CO2 Incubator Air Jacketed SKU: BCAJ-6601	CO2 Incubator Air Jacketed SKU: BCAJ-6602	CO2 Incubator Air Jacketed SKU: BCAJ-6603
Electrical requirement	AC220V/50Hz	AC220V/50Hz	AC220V/50Hz
Input power	750W	750W	950W
Heating power	Air jacket micro computer PID control	Air jacket micro computer PID control	Air jacket micro computer PID control
Temp. control range	RT+3 - 50°C	RT+3 - 50°C	RT+3 - 50°C
Work environment temp	+5 - 30°C	+5 - 30°C	+5 - 30°C



CO2 Incubator Air Jacketed
SKU: BCAJ-6601



CO2 Incubator Air Jacketed
SKU: BCAJ-6602



CO2 Incubator Air Jacketed
SKU: BCAJ-6603

CO2 Incubator Air Jacketed Series 400

TABLE 1 OF 2

Specification	CO2 Incubator Air Jacketed SKU: BCAJ-6801	CO2 Incubator Air Jacketed SKU: BCAJ-6802	CO2 Incubator Air Jacketed SKU: BCAJ-6803	CO2 Incubator Air Jacketed SKU: BCAJ-6804	CO2 Incubator Air Jacketed SKU: BCAJ-6805
Chamber Volume	40L	80L	155L	190L	240L
Temperature Range	RT+5°C ~55°C	RT+5°C ~55°C	RT+5°C ~55°C	RT+5°C ~55°C	RT+5°C ~55°C
Electrical Requirement	220V 50Hz	220V 50Hz	220V 50Hz	220V 50Hz	220V 50Hz
Power Consumption	350W	500W	750W	750W	950W
Ambient Temperature	+5~30°C	+5~30°C	+5~30°C	+5~30°C	+5~30°C



CO2 Incubator Air Jacketed
SKU: BCAJ-6801



CO2 Incubator Air Jacketed
SKU: BCAJ-6802



CO2 Incubator Air Jacketed
SKU: BCAJ-6803



CO2 Incubator Air Jacketed
SKU: BCAJ-6804



CO2 Incubator Air Jacketed
SKU: BCAJ-6805

CO2 Incubator Air Jacketed Series 400

TABLE 2 OF 2

Specification	CO2 Incubator Air Jacketed SKU: BGI-2306
Chamber Volume	500L
Temperature Range	RT+5°C ~55°C
Electrical Requirement	220V 50Hz
Power Consumption	1450W
Ambient Temperature	+5~30°C



CO2 Incubator Air Jacketed
SKU: BGI-2306

CO2 Incubator Air Jacketed Series 400

Specification	CO2 Incubator Air Jacketed SKU: BCAJ-8201	CO2 Incubator Air Jacketed SKU: BCAJ-8202	CO2 Incubator Air Jacketed SKU: BCAJ-8203	CO2 Incubator Air Jacketed SKU: BCAJ-8204	CO2 Incubator Air Jacketed SKU: BCAJ-8205
Electrical Requirement	220V 50Hz	220V 50Hz	220V 50Hz	220V 50Hz	220V 50Hz
Screen	7" Touch screen	7" Touch screen	7" Touch screen	7" Touch screen	7" Touch screen
Power Consumption	350W	500W	700W	750W	1000W
Heating Method	Air-jacketed, PID Control	Air-jacketed, PID Control	Air-jacketed, PID Control	Air-jacketed, PID Control	Air-jacketed, PID Control
Temperature Range	RT+5~55°C	RT+5~55°C	RT+5~55°C	RT+5~55°C	RT+5~55°C



CO2 Incubator Air Jacketed
SKU: BCAJ-8201



CO2 Incubator Air Jacketed
SKU: BCAJ-8202



CO2 Incubator Air Jacketed
SKU: BCAJ-8203



CO2 Incubator Air Jacketed
SKU: BCAJ-8204



CO2 Incubator Air Jacketed
SKU: BCAJ-8205

CO2 Incubator Air Jacketed Series 400

Specification	CO2 Incubator Air Jacketed SKU: BCAJ-8401	CO2 Incubator Air Jacketed SKU: BCAJ-8402	CO2 Incubator Air Jacketed SKU: BCAJ-8403	CO2 Incubator Air Jacketed SKU: BCAJ-8404	CO2 Incubator Air Jacketed SKU: BCAJ-8405
Electrical Requirement	220V 50Hz	220V 50Hz	220V 50Hz	220V 50Hz	220V 50Hz
Power Consumption	450W	500W	750W	750W	950W
Heating Method	Air-jacketed, PID Control	Air-jacketed, PID Control	Air-jacketed, PID Control	Air-jacketed, PID Control	Air-jacketed, PID Control
Temperature Range	RT+5~55°C	RT+5~55°C	RT+5~55°C	RT+5~55°C	RT+5~55°C
Ambient Temperature	+5~30°C	+5~30°C	+5~30°C	+5~30°C	+5~30°C



CO2 Incubator Air Jacketed
SKU: BCAJ-8401



CO2 Incubator Air Jacketed
SKU: BCAJ-8402



CO2 Incubator Air Jacketed
SKU: BCAJ-8403



CO2 Incubator Air Jacketed
SKU: BCAJ-8404



CO2 Incubator Air Jacketed
SKU: BCAJ-8405

OVEN / INCUBATOR

CO2 INCUBATOR WATER JACKETED

OVERVIEW

Water-jacketed CO_2 incubators use PID control to stabilize conditions for cell culture. Units offer temperatures from ambient +5 to 55 °C with 0.1 °C resolution; water jackets ensure thermal stability and models feature touch-screen controls and volumes around 185 L.

Highlights

- Water-jacket heating
- RT+5–55 °C range
- Touch-screen interface
- Thermally stable design

For Detailed Technical Info & Accessories

Scan to view detailed technical information & accessories, or visit the link below.

CATALOG LINK

https://biolabscientific.com/content/catalogs/2405-Catalog-Biolab.pdf

CO2 Incubator Water Jacketed Series 100

Specification	CO2 Incubator Water Jacketed SKU: BCWJ-302
--Exterior dimensions (WxDxH, mm/inch)	655x656x1030 (mm) 25.8x25.8x40.5 (inch)
--Interior dimensions (WxDxH, mm/inch)	544x504x681 (mm) 21.4x19.8x26.8 (inch)
--Interior Volume (L/cu.ft)	185L / 6.5 cu.ft.
--Water Jacket volume	43.5L / 1.54 cu.ft.
--Net Weight	110kg / 242 lbs



CO2 Incubator Water Jacketed

SKU: BCWJ-302

CO2 Incubator Water Jacketed Series 200

Specification	CO2 Incubator Water Jacketed SKU: BCWJ-6701	CO2 Incubator Water Jacketed SKU: BCWJ-6702
sku	BCWJ-6701	BCWJ-6702
Electrical requirement	AC220V/50Hz	AC220V/50Hz
Input power	700W	1000W
Heating power	Water Jacket	Water Jacket
Temp. control range	RT+5 - 50°C	RT+5 - 50°C



CO2 Incubator Water Jacketed
SKU: BCWJ-6701



CO2 Incubator Water Jacketed
SKU: BCWJ-6702

CO2 Incubator Water Jacketed Series 200

Specification	CO2 Incubator Water Jacketed SKU: BCWJ-8301	CO2 Incubator Water Jacketed SKU: BCWJ-8302	CO2 Incubator Water Jacketed SKU: BCWJ-8303
Electrical Requirement	220V 50Hz	220V 50Hz	220V 50Hz
Screen	7" Touch screen	7" Touch screen	7" Touch screen
Power Consumption	500W	700W	1000W
Heating Method	Water-jacketed, PID Control	Water-jacketed, PID Control	Water-jacketed, PID Control
Temperature Range	RT+5~55°C	RT+5~55°C	RT+5~55°C



CO2 Incubator Water Jacketed
SKU: BCWJ-8301



CO2 Incubator Water Jacketed
SKU: BCWJ-8302



CO2 Incubator Water Jacketed
SKU: BCWJ-8303

CO2 Incubator Water Jacketed Series 200

Specification	CO2 Incubator Water Jacketed SKU: BCWJ-8501	CO2 Incubator Water Jacketed SKU: BCWJ-8502	CO2 Incubator Water Jacketed SKU: BCWJ-8503
Electrical Requirement	220V 50Hz	220V 50Hz	220V 50Hz
Power Consumption	250W / 680W	250W / 680W	950W
Heating Method	Water-jacketed, PID Control	Water-jacketed, PID Control	Water-jacketed, PID Control
Temperature Range	RT+5~55°C	RT+5~55°C	RT+5~55°C
Ambient Temperature	+5~30°C	+5~30°C	+5~30°C



CO2 Incubator Water Jacketed
SKU: BCWJ-8501



CO2 Incubator Water Jacketed
SKU: BCWJ-8502



CO2 Incubator Water Jacketed
SKU: BCWJ-8503

COOLED INCUBATOR

OVERVIEW

Cooled incubators provide stable temperature environments for culture growth and storage. They employ compressor-assisted forced convection and microprocessor PID control to maintain 0 to 65 °C or wider ranges (some –10 to 70 °C) with 0.1 °C resolution, ±0.5 °C accuracy and uniformity around ±1.5 °C.

Highlights

- Forced convection cooling
- Microprocessor control
- 0–65 °C range
- ±0.5 °C stability

For Detailed Technical Info & Accessories

Scan to view detailed technical information & accessories, or visit the link below.

CATALOG LINK

https://biolabscientific.com/content/catalogs/2406-Catalog-Biolab.pdf

Cooled Incubator Series 100

Specification	Cooled Incubator SKU: BER-7701	Cooled Incubator SKU: BER-7702	Cooled Incubator SKU: BER-7703
Pattern	Forced Convection	Forced Convection	Forced Convection
--Temp Range	0~65°C	0~65°C	0~65°C
--Temp Resolution Ratio	0.1°C	0.1°C	0.1°C
--Temp Fluctuation	±0.5°C	±0.5°C	±0.5°C
--Temp Uniformity	±1°C	±1°C	±1°C



Cooled Incubator
SKU: BER-7701



Cooled Incubator
SKU: BER-7702



Cooled Incubator
SKU: BER-7703

Cooled Incubator Series 200

Specification	Cooled Incubator SKU: BSCO-202	Cooled Incubator SKU: BSCO-204	Cooled Incubator SKU: BSFLS-101	Cooled Incubator SKU: BSFLS-102
Internal Dimensions (mm) (H*W*D)	640x600x460	640x810x560	640x600x460	640x810x560
External Dimensions (mm) (H*W*D)	1390x730x635	1390x950x735	1390x730x635	1390x950x735
Nominal Power (KW)	0.9	1.2	0.8	0.9
Power Supply Voltage	Single-phase AC 220V/50Hz	Single-phase AC 220V/50Hz	Single-phase AC 220V/50Hz	Single-phase AC 220V/50Hz
Temperature Range (°C)	4°C to 65°C (with cooling and heating)	4°C to 65°C (with cooling and heating)	Room temperature +5°C to 65°C (without cooling)	Room temperature +5°C to 65°C (without cooling)



Cooled Incubator
SKU: BSCO-202



Cooled Incubator
SKU: BSCO-204



Cooled Incubator
SKU: BSFLS-101



Cooled Incubator
SKU: BSFLS-102

Cooled Incubator Series 300

TABLE 1 OF 3

Specification	Cooled Incubator SKU: BGI-2006	Cooled Incubator SKU: BGI-2011	Cooled Incubator SKU: BICL-301	Cooled Incubator SKU: BICL-302	Cooled Incubator SKU: BICL-303
Temperature Range	20°C~65°C	-40°C~65°C	20°C~65°C	20°C~65°C	20°C~65°C
Display Resolution	0.1°C	0.1°C	0.1°C	0.1°C	0.1°C
Temperature Stability	High Temp ±0.5°C / Low Temp ±1.0°C	High Temp ±0.5°C / Low Temp ±1.0°C	High Temp ±0.5°C / Low Temp ±1.0°C	High Temp ±0.5°C / Low Temp ±1.0°C	High Temp ±0.5°C / Low Temp ±1.0°C
Electrical Requirement	-10°C~65°C	380V 50Hz	220V 50Hz	220V 50Hz	220V 50Hz
Ambient Temperature	+5°C~35°C	+5°C~35°C	+5°C~35°C	+5°C~35°C	+5°C~35°C



Cooled Incubator
SKU: BGI-2006



Cooled Incubator
SKU: BGI-2011



Cooled Incubator
SKU: BICL-301



Cooled Incubator
SKU: BICL-302



Cooled Incubator
SKU: BICL-303

Cooled Incubator Series 300

TABLE 2 OF 3

Specification	Cooled Incubator SKU: BICL-304	Cooled Incubator SKU: BICL-401	Cooled Incubator SKU: BICL-402	Cooled Incubator SKU: BICL-403	Cooled Incubator SKU: BICL-404
Temperature Range	20°C~65°C	-40°C~65°C	-40°C~65°C	-40°C~65°C	-40°C~65°C
Display Resolution	0.1°C	0.1°C	0.1°C	0.1°C	0.1°C
Temperature Stability	High Temp ±0.5°C / Low Temp ±1.0°C	High Temp ±0.5°C / Low Temp ±1.0°C	High Temp ±0.5°C / Low Temp ±1.0°C	High Temp ±0.5°C / Low Temp ±1.0°C	High Temp ±0.5°C / Low Temp ±1.0°C
Electrical Requirement	220V 50Hz	380V 50Hz	380V 50Hz	380V 50Hz	380V 50Hz
Ambient Temperature	+5°C~35°C	+5°C~35°C	+5°C~35°C	+5°C~35°C	+5°C~35°C



Cooled Incubator
SKU: BICL-304



Cooled Incubator
SKU: BICL-401



Cooled Incubator
SKU: BICL-402



Cooled Incubator
SKU: BICL-403



Cooled Incubator
SKU: BICL-404

Cooled Incubator Series 300

TABLE 3 OF 3

Specification	Cooled Incubator SKU: BICL-8101	Cooled Incubator SKU: BICL-8102	Cooled Incubator SKU: BICL-8103	Cooled Incubator SKU: BICL-8104	Cooled Incubator SKU: BICL-8105
Temperature Range	-10°C~65°C	-10°C~65°C	-10°C~65°C	-10°C~65°C	-10°C~65°C
Display Resolution	0.1°C	0.1°C	0.1°C	0.1°C	0.1°C
Temperature Stability	High Temp ±0.5°C / Low Temp ±1.0°C	High Temp ±0.5°C / Low Temp ±1.0°C	High Temp ±0.5°C / Low Temp ±1.0°C	High Temp ±0.5°C / Low Temp ±1.0°C	High Temp ±0.5°C / Low Temp ±1.0°C
Electrical Requirement	220V 50Hz	220V 50Hz	220V 50Hz	220V 50Hz	220V 50Hz
Ambient Temperature	+5°C~35°C	+5°C~35°C	+5°C~35°C	+5°C~35°C	+5°C~35°C



Cooled Incubator
SKU: BICL-8101



Cooled Incubator
SKU: BICL-8102



Cooled Incubator
SKU: BICL-8103



Cooled Incubator
SKU: BICL-8104



Cooled Incubator
SKU: BICL-8105

Cooled Incubator Series 300

Specification	Cooled Incubator SKU: BGI-2101	Cooled Incubator SKU: BGI-2102	Cooled Incubator SKU: BGI-2103	Cooled Incubator SKU: BGI-2104
Temperature control range	0~60°C	0~60°C	0~60°C	0~60°C
Temperature resolution	0.1°C	0.1°C	0.1°C	0.1°C
Temperature fluctuation	High temp ±0.5°C / Low temp ±0.5°C	High temp ±0.5°C / Low temp ±0.5°C	High temp ±0.5°C / Low temp ±0.5°C	High temp ±0.5°C / Low temp ±0.5°C
Temperature uniformity	±1°C (25°C at test point)	±1°C (25°C at test point)	±1°C (25°C at test point)	±1°C (25°C at test point)
UV Sterilization System	optional	optional	standard equipment	standard equipment



Cooled Incubator
SKU: BGI-2101



Cooled Incubator
SKU: BGI-2102



Cooled Incubator
SKU: BGI-2103



Cooled Incubator
SKU: BGI-2104

Cooled Incubator Series 300

TABLE 1 OF 4

Specification	Cooled Incubator SKU: BICL-6001	Cooled Incubator SKU: BICL-6002	Cooled Incubator SKU: BICL-6003	Cooled Incubator SKU: BICL-6004	Cooled Incubator SKU: BICL-6005
Type	Touch screen	Touch screen	Touch screen	Touch screen	Touch screen
Capacity (L)	68L	68L	120L	120L	252L
Temp Range	-10 - 80°C	-10 - 80°C	-10 - 80°C	-10 - 80°C	-10 - 80°C
Display Resolution	0.1°C	0.1°C	0.1°C	0.1°C	0.1°C
Uniformity	±1.0°C	±1.0°C	±1.0°C	±1.0°C	±1.0°C



Cooled Incubator
SKU: BICL-6001



Cooled Incubator
SKU: BICL-6002



Cooled Incubator
SKU: BICL-6003



Cooled Incubator
SKU: BICL-6004



Cooled Incubator
SKU: BICL-6005

Cooled Incubator Series 300

TABLE 2 OF 4

Specification	Cooled Incubator SKU: BICL-6006	Cooled Incubator SKU: BICL-6007	Cooled Incubator SKU: BICL-6008	Cooled Incubator SKU: BICL-6009	Cooled Incubator SKU: BICL-6010
Type	Touch screen	Touch screen	Touch screen	Touch screen	Touch screen
Capacity (L)	252L	495L	495L	752L	752L
Temp Range	-10 - 80°C	-10 - 80°C	-10 - 80°C	-10 - 80°C	-10 - 80°C
Display Resolution	0.1°C	0.1°C	0.1°C	0.1°C	0.1°C
Uniformity	±1.0°C	±1.0°C	±1.0°C	±1.0°C	±1.0°C



Cooled Incubator
SKU: BICL-6006



Cooled Incubator
SKU: BICL-6007



Cooled Incubator
SKU: BICL-6008



Cooled Incubator
SKU: BICL-6009



Cooled Incubator
SKU: BICL-6010

Cooled Incubator Series 300

TABLE 3 OF 4

Specification	Cooled Incubator SKU: BICL-6101	Cooled Incubator SKU: BICL-6102	Cooled Incubator SKU: BICL-6103	Cooled Incubator SKU: BICL-6104	Cooled Incubator SKU: BICL-6105
Type	LCD Controller	LCD Controller	LCD Controller	LCD Controller	LCD Controller
Capacity (L)	68L	68L	120L	120L	252L
Temp Range	-10 - 80°C	-10 - 80°C	-10 - 80°C	-10 - 80°C	-10 - 80°C
Display Resolution	0.1°C	0.1°C	0.1°C	0.1°C	0.1°C
Uniformity	±1.0°C	±1.0°C	±1.0°C	±1.0°C	±1.0°C



Cooled Incubator
SKU: BICL-6101



Cooled Incubator
SKU: BICL-6102



Cooled Incubator
SKU: BICL-6103



Cooled Incubator
SKU: BICL-6104



Cooled Incubator
SKU: BICL-6105

Cooled Incubator Series 300

TABLE 4 OF 4

Specification	Cooled Incubator SKU: BICL-6106	Cooled Incubator SKU: BICL-6107	Cooled Incubator SKU: BICL-6108	Cooled Incubator SKU: BICL-6109	Cooled Incubator SKU: BICL-6110
Type	LCD Controller	LCD Controller	LCD Controller	LCD Controller	LCD Controller
Capacity (L)	252L	495L	495L	752L	752L
Temp Range	-10 - 80°C	-10 - 80°C	-10 - 80°C	-10 - 80°C	-10 - 80°C
Display Resolution	0.1°C	0.1°C	0.1°C	0.1°C	0.1°C
Uniformity	±1.0°C	±1.0°C	±1.0°C	±1.0°C	±1.0°C



Cooled Incubator
SKU: BICL-6106



Cooled Incubator
SKU: BICL-6107



Cooled Incubator
SKU: BICL-6108



Cooled Incubator
SKU: BICL-6109



Cooled Incubator
SKU: BICL-6110

Cooled Incubator Series 300

TABLE 1 OF 2

Specification	Cooled Incubator SKU: BICL-7901	Cooled Incubator SKU: BICL-7902	Cooled Incubator SKU: BICL-7903	Cooled Incubator SKU: BICL-7904	Cooled Incubator SKU: BICL-7905
Temperature Range	0~60°C	0~60°C	0~60°C	0~60°C	0~60°C
Display Resolution	0.1°C	0.1°C	0.1°C	0.1°C	0.1°C
Temperature Stability	High Temperature ±0.5°CLow Temperature ±1.0°C	High Temperature ±0.5°CLow Temperature ±1.0°C	High Temperature ±0.5°CLow Temperature ±1.0°C	High Temperature ±0.5°CLow Temperature ±1.0°C	High Temperature ±0.5°CLow Temperature ±1.0°C
Temperature Uniformity	±1.5°C (@25°C)	±1.5°C (@25°C)	±1.5°C (@25°C)	±1.5°C (@25°C)	±1.5°C (@25°C)
Electrical Requirement	220V 50Hz	220V 50Hz	220V 50Hz	220V 50Hz	220V 50Hz



Cooled Incubator
SKU: BICL-7901



Cooled Incubator
SKU: BICL-7902



Cooled Incubator
SKU: BICL-7903



Cooled Incubator
SKU: BICL-7904



Cooled Incubator
SKU: BICL-7905

Cooled Incubator Series 300

TABLE 2 OF 2

Specification	Cooled Incubator SKU: BICL-7906	Cooled Incubator SKU: BICL-7907	Cooled Incubator SKU: BICL-7908	Cooled Incubator SKU: BICL-7909	Cooled Incubator SKU: BICL-7910
Temperature Range	0~60°C	0~60°C	0~60°C	0~60°C	0~60°C
Display Resolution	0.1°C	0.1°C	0.1°C	0.1°C	0.1°C
Temperature Stability	High Temperature ±0.5°C	Low Temperature ±1.0°C	Low Temperature ±1.0°C	Low Temperature ±1.0°C	Low Temperature ±1.0°C
Temperature Uniformity	±1.5°C (@25°C)	±2.5°C (@25°C)	±2.5°C (@25°C)	±2.5°C (@25°C)	±2.5°C (@25°C)
Electrical Requirement	220V 50Hz	220V 50Hz	220V 50Hz	220V 50Hz	220V 50Hz



Cooled Incubator
SKU: BICL-7906



Cooled Incubator
SKU: BICL-7907



Cooled Incubator
SKU: BICL-7908



Cooled Incubator
SKU: BICL-7909



Cooled Incubator
SKU: BICL-7910

Cooled Incubator Series 300

Specification	Cooled Incubator SKU: BICL-8001	Cooled Incubator SKU: BICL-8002	Cooled Incubator SKU: BICL-8003	Cooled Incubator SKU: BICL-8004
Controller	LCD Programmable controller	LCD Programmable controller	LCD Programmable controller	LCD Programmable controller
Temperature Range	-5~70°C	-5~70°C	-5~70°C	-5~70°C
Display Resolution	0.1°C	0.1°C	0.1°C	0.1°C
Temperature Stability	High Temperature ±0.3°C	High Temperature ±0.3°C	High Temperature ±0.3°C	Low Temperature ±0.5°C
Temperature Uniformity	±1.5°C (at 25°C)	±1.5°C (at 25°C)	±1.5°C (at 25°C)	±1.5°C (at 25°C)



Cooled Incubator
SKU: BICL-8001



Cooled Incubator
SKU: BICL-8002



Cooled Incubator
SKU: BICL-8003



Cooled Incubator
SKU: BICL-8004

DRYING OVEN

OVERVIEW

Drying ovens provide controlled heating for drying and sterilizing samples. Models use natural or forced convection with microprocessor PID control, digital displays and 0.1 °C resolution. Temperature ranges extend from ambient +10 °C up to 250 °C, 400 °C or 500 °C with uniform heating and over-temperature protection.

Highlights

- PID temperature control
- 10–500 °C range
- Uniform heating
- Over-temperature safety

For Detailed Technical Info & Accessories

Scan to view detailed technical information & accessories, or visit the link below.

CATALOG LINK

https://biolabscientific.com/content/catalogs/2407-Catalog-Biolab.pdf

Drying Oven Series 100

TABLE 1 OF 5

Specification	Drying Oven SKU: BER-501	Drying Oven SKU: BER-502	Drying Oven SKU: BER-503	Drying Oven SKU: BER-504	Drying Oven SKU: BER-505
Cycle Mode	Forced convection	Forced convection	Forced convection	Forced convection	Forced convection
--Temp. Range	RT+10-300°C	RT+10-300°C	RT+10-300°C	RT+10-300°C	RT+10-300°C
--Temp. Resolution Ratio	0.1°C	0.1°C	0.1°C	0.1°C	0.1°C
--Temp. Motion	±1°C	±1°C	±1°C	±1°C	±1°C
--Temp. Uniformity	±2.5%	±2.5%	±2.5%	±2.5%	±2.5%



Drying Oven
SKU: BER-501



Drying Oven
SKU: BER-502



Drying Oven
SKU: BER-503



Drying Oven
SKU: BER-504



Drying Oven
SKU: BER-505

Drying Oven Series 100

TABLE 2 OF 5

Specification	Drying Oven SKU: BER-506	Drying Oven SKU: BER-510	Drying Oven SKU: BER-513	Drying Oven SKU: BER-514	Drying Oven SKU: BER-515
Cycle Mode	Forced convection	Forced convection	Forced convection	Forced convection	Forced convection
--Temp. Range	RT+10-300°C	RT+10-300°C	RT+10-300°C	RT+10-300°C	RT+10-300°C
--Temp. Resolution Ratio	0.1°C	0.1°C	0.1°C	0.1°C	0.1°C
--Temp. Motion	±1°C	±1°C	±1°C	±1°C	±1°C
--Temp. Uniformity	±2.5%	±2.5%	±2.5%	±2.5%	±2.5%



Drying Oven
SKU: BER-506



Drying Oven
SKU: BER-510



Drying Oven
SKU: BER-513



Drying Oven
SKU: BER-514



Drying Oven
SKU: BER-515

Drying Oven Series 100

TABLE 3 OF 5

Specification	Drying Oven SKU: BER-516	Drying Oven SKU: BER-517	Drying Oven SKU: BER-601	Drying Oven SKU: BER-602	Drying Oven SKU: BER-8301
Cycle Mode	Forced convection	Forced convection	Forced convection	Forced convection	Forced convection
--Temp. Range	RT+10-300°C	RT+10-300°C	RT+10-300°C	RT+10-300°C	Incubator:RT+5-80°C Drying oven:80-300°C
--Temp. Resolution Ratio	0.1°C	0.1°C	0.1°C	0.1°C	0.1°C
--Temp. Motion	±1°C	±1°C	±1°C	±1°C	±1°C
--Temp. Uniformity	±2.5%	±2.5%	±2.5%	±2.5%	±2.5%



Drying Oven
SKU: BER-516



Drying Oven
SKU: BER-517



Drying Oven
SKU: BER-601



Drying Oven
SKU: BER-602



Drying Oven
SKU: BER-8301

Drying Oven Series 100

TABLE 4 OF 5

Specification	Drying Oven SKU: BER-8302	Drying Oven SKU: BER-8303	Drying Oven SKU: BER-8304	Drying Oven SKU: BER-8305	Drying Oven SKU: BER-8306
Cycle Mode	Forced convection	Forced convection	Forced convection	Forced convection	Forced convection
--Temp. Range	Incubator:RT+5-80°C Drying oven:80-300°C	Incubator:RT+5-80°C Drying oven:80-300°C	Incubator:RT+5-80°C Drying oven:80-300°C	Incubator:RT+5-80°C Drying oven:80-300°C	Incubator:RT+5-80°C Drying oven:80-300°C
--Temp. Resolution Ratio	0.1°C	0.1°C	0.1°C	0.1°C	0.1°C
--Temp. Motion	±1°C	±1°C	±1°C	±1°C	±1°C
--Temp. Uniformity	±2.5%	±2.5%	±2.5%	±2.5%	±2.5%



Drying Oven
SKU: BER-8302



Drying Oven
SKU: BER-8303



Drying Oven
SKU: BER-8304



Drying Oven
SKU: BER-8305



Drying Oven
SKU: BER-8306

Drying Oven Series 100

TABLE 5 OF 5

Specification	Drying Oven SKU: BOGP-301	Drying Oven SKU: BOGP-302	Drying Oven SKU: BOGP-303	Drying Oven SKU: BOGP-304	Drying Oven SKU: BOGP-305
Cycle Mode	Forced convection	Forced convection	Forced convection	Forced convection	Forced convection
--Temp. Range	RT+10-300°C	RT+10-300°C	RT+10-300°C	RT+10-300°C	RT+10-300°C
--Temp. Resolution Ratio	0.1°C	0.1°C	0.1°C	0.1°C	0.1°C
--Temp. Motion	±1°C	±1°C	±1°C	±1°C	±1°C
--Temp. Uniformity	±2.5%	±2.5%	±2.5%	±2.5%	±2.5%



Drying Oven
SKU: BOGP-301



Drying Oven
SKU: BOGP-302



Drying Oven
SKU: BOGP-303



Drying Oven
SKU: BOGP-304



Drying Oven
SKU: BOGP-305

Drying Oven Series 100

Specification	Drying Oven SKU: BER-7601	Drying Oven SKU: BER-7602
--Cycle Mode	Forced convection	Forced convection
--Temp Range	RT+10-250°C	RT+5-65°C
--Temp Resolution	0.1°C	0.1°C
--Temp Fluctuation	±1°C	±0.5°C
--Temp Uniformity	±2.5%	±2.5%



Drying Oven
SKU: BER-7601



Drying Oven
SKU: BER-7602

Drying Oven Series 100

TABLE 1 OF 2

Specification	Drying Oven SKU: BER-7901	Drying Oven SKU: BER-7902	Drying Oven SKU: BER-7903	Drying Oven SKU: BER-7904	Drying Oven SKU: BER-7905
Heating Mode	Shelf direct heating	Shelf direct heating	Shelf direct heating	Shelf direct heating	Shelf direct heating
--Temp. Range	RT+10~250°C	RT+10~250°C	RT+10~250°C	RT+10~250°C	RT+10~250°C
--Temp. Resolution Ratio	0.1°C	0.1°C	0.1°C	0.1°C	0.1°C
--Temp. motion	±1°C	±1°C	±1°C	±1°C	±1°C
--Heating-Up Time	≤ 40 minutes	≤ 40 minutes	≤ 40 minutes	≤ 40 minutes	≤ 40 minutes



Drying Oven
SKU: BER-7901



Drying Oven
SKU: BER-7902



Drying Oven
SKU: BER-7903



Drying Oven
SKU: BER-7904



Drying Oven
SKU: BER-7905

Drying Oven Series 100

TABLE 2 OF 2

Specification	Drying Oven SKU: BER-7906
Heating Mode	Shelf direct heating
--Temp. Range	RT+10~250°C
--Temp. Resolution Ratio	0.1°C
--Temp. motion	±1°C
--Heating-Up Time	≤ 40 minutes



Drying Oven
SKU: BER-7906

Drying Oven Series 200

Specification	Drying Oven SKU: BICL-701	Drying Oven SKU: BICL-702	Drying Oven SKU: BICL-703	Drying Oven SKU: BICL-704
Capacity	40L	70L	130L	225L
Temp range (°C)	RT+5~300	RT+5~300	RT+5~300	RT+5~300
Accuracy (°C)	±0.1	±0.1	±0.1	±0.1
Fluctuation (%)	±1	±1	±1	±1
Voltage (V)	220	220	220	220



Drying Oven
SKU: BICL-701



Drying Oven
SKU: BICL-702



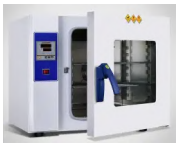
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SKU: BICL-703



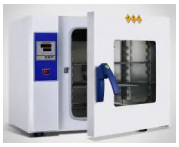
Drying Oven
SKU: BICL-704

Drying Oven Series 200

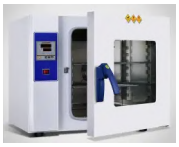
Specification	Drying Oven SKU: BICL-705	Drying Oven SKU: BICL-706	Drying Oven SKU: BICL-707	Drying Oven SKU: BICL-708
Capacity	40L	70L	130L	225L
Voltage (V)	110/220	110/220	110/220	110/220
Temp range (°C)	RT+5~300	RT+5~300	RT+5~300	RT+5~300
Timing range	0~999 mins/hours	0~999 mins/hours	0~999 mins/hours	0~999 mins/hours
Accuracy (°C)	±0.5	±0.5	±0.5	±0.5



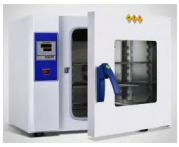
Drying Oven
SKU: BICL-705



Drying Oven
SKU: BICL-706



Drying Oven
SKU: BICL-707



Drying Oven
SKU: BICL-708

Drying Oven Series 300

TABLE 1 OF 2

Specification	Drying Oven SKU: BGI-501	Drying Oven SKU: BGI-502	Drying Oven SKU: BGI-503	Drying Oven SKU: BODR-7001	Drying Oven SKU: BODR-7002
Electrical Requirement	220V 50HZ	220V 50HZ	220V 50HZ	220V 50HZ	220V 50HZ
Controller	Programmable LCD display	Programmable LCD display	Programmable LCD display	Programmable LCD display	Programmable LCD display
Power Consumption	1300W	1650W	2000W	850W	1100W
Temperature Range	RT+10~200°C	RT+10~200°C	RT+10~200°C	RT+10~250°C	RT+10~250°C
Display Resolution	0.1°C	0.1°C	0.1°C	0.1°C	0.1°C



Drying Oven
SKU: BGI-501



Drying Oven
SKU: BGI-502



Drying Oven
SKU: BGI-503



Drying Oven
SKU: BODR-7001



Drying Oven
SKU: BODR-7002

Drying Oven Series 300

TABLE 2 OF 2

Specification	Drying Oven SKU: BODR-7003	Drying Oven SKU: BODR-7004	Drying Oven SKU: BODR-7005
Electrical Requirement	220V 50HZ	220V 50HZ	220V 50HZ
Controller	Programmable LCD display	Programmable LCD display	Programmable LCD display
Power Consumption	1550W	2050W	3000W
Temperature Range	RT+10~250°C	RT+10~250°C	RT+10~250°C
Display Resolution	0.1°C	0.1°C	0.1°C



Drying Oven
SKU: BODR-7003



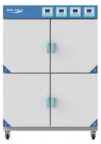
Drying Oven
SKU: BODR-7004



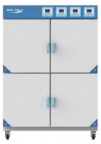
Drying Oven
SKU: BODR-7005

Drying Oven Series 300

Specification	Drying Oven SKU: BGI-601	Drying Oven SKU: BGI-602
Electrical Requirement	AC220V 50HZ	AC220V 50HZ
Power Consumption	3300W	5200W
Temperature Range	RT+10 ~ 200°C	RT+10 ~ 250°C
Display Resolution	0.1°C	0.1°C
Temperature Uniformity	±2.5°C (@100°C)	±2.5°C (@100°C)



Drying Oven
SKU: BGI-601



Drying Oven
SKU: BGI-602

Drying Oven Series 300

TABLE 1 OF 2

Specification	Drying Oven SKU: BODR-401	Drying Oven SKU: BODR-402	Drying Oven SKU: BODR-403	Drying Oven SKU: BODR-404	Drying Oven SKU: BODR-7101
Electrical Requirements	AC380V 50HZ	AC380V 50HZ	AC380V 50HZ	AC380V 50HZ	AC380V 50HZ
Temperature Range	RT+20°C~500°C	RT+20°C~500°C	RT+20°C~500°C	RT+20°C~500°C	RT+20°C~400°C
Display Resolution	0.1°C	0.1°C	0.1°C	0.1°C	0.1°C
Temperature Stability	±0.5°C	±0.5°C	±0.5°C	±0.5°C	±0.5°C
Ambient Temperature	+5~40°C	+5~40°C	+5~40°C	+5~40°C	+5~40°C



Drying Oven
SKU: BODR-401



Drying Oven
SKU: BODR-402



Drying Oven
SKU: BODR-403



Drying Oven
SKU: BODR-404



Drying Oven
SKU: BODR-7101

Drying Oven Series 300

TABLE 2 OF 2

Specification	Drying Oven SKU: BODR-7102	Drying Oven SKU: BODR-7103	Drying Oven SKU: BODR-7104
Electrical Requirements	AC380V 50HZ	AC380V 50HZ	AC380V 50HZ
Temperature Range	RT+20°C~400°C	RT+20°C~400°C	RT+20°C~400°C
Display Resolution	0.1°C	0.1°C	0.1°C
Temperature Stability	±0.5°C	±0.5°C	±0.5°C
Ambient Temperature	+5~40°C	+5~40°C	+5~40°C



Drying Oven
SKU: BODR-7102



Drying Oven
SKU: BODR-7103



Drying Oven
SKU: BODR-7104

OVEN / INCUBATOR

FORCED CONVECTION OVEN

OVERVIEW

Forced convection ovens deliver uniform heating via hot-air circulation with PID control. Stainless-steel chambers, silicone door gaskets and digital controllers maintain temperatures from ambient +10 °C up to around 250 °C with ±1 °C stability, while timers and over-temperature alarms enhance safety.

Highlights

- Hot-air circulation
- PID control
- Stainless interior
- Safety alarms

For Detailed Technical Info & Accessories

Scan to view detailed technical information & accessories, or visit the link below.

CATALOG LINK

https://biolabscientific.com/content/catalogs/2409-Catalog-Biolab.pdf

Forced Convection Oven Series 100

TABLE 1 OF 16

Specification	Forced Convection Oven SKU: BER-104	Forced Convection Oven SKU: BER-111	Forced Convection Oven SKU: BER-115	Forced Convection Oven SKU: BER-116	Forced Convection Oven SKU: BER-117
Cycle Mode	Forced convection	Forced convection	Forced convection	Forced convection	Forced convection
--Temp. Range	RT+10-300°C	RT+10-300°C	RT+10-300°C	RT+10-300°C	RT+10-300°C
--Temp. Resolution Ratio	0.1°C	0.1°C	0.1°C	0.1°C	0.1°C
--Temp. Motion	±1°C	±1°C	±1°C	±1°C	±1°C
--Temp. Uniformity	±2.5%	±2.5%	±2.5%	±2.5%	±2.5%



Forced Convection Oven
SKU: BER-104



Forced Convection Oven
SKU: BER-111



Forced Convection Oven
SKU: BER-115



Forced Convection Oven
SKU: BER-116



Forced Convection Oven
SKU: BER-117

Forced Convection Oven Series 100

TABLE 2 OF 16

Specification	Forced Convection Oven SKU: BER-118	Forced Convection Oven SKU: BER-119	Forced Convection Oven SKU: BER-120	Forced Convection Oven SKU: BER-301	Forced Convection Oven SKU: BER-302
Cycle Mode	Forced convection	Forced convection	Forced convection	Forced convection	Forced convection
--Temp. Range	RT+10-300°C	RT+10-300°C	RT+10-300°C	RT+10-250°C	RT+10-250°C
--Temp. Resolution Ratio	0.1°C	0.1°C	0.1°C	0.1°C	0.1°C
--Temp. Motion	±1°C	±1°C	±1°C	±1°C	±1°C
--Temp. Uniformity	±2.5%	±2.5%	±2.5%	±2.5%	±2.5%



Forced Convection Oven
SKU: BER-118



Forced Convection Oven
SKU: BER-119



Forced Convection Oven
SKU: BER-120



Forced Convection Oven
SKU: BER-301



Forced Convection Oven
SKU: BER-302

Forced Convection Oven Series 100

TABLE 3 OF 16

Specification	Forced Convection Oven SKU: BER-303	Forced Convection Oven SKU: BER-304	Forced Convection Oven SKU: BER-401	Forced Convection Oven SKU: BER-402	Forced Convection Oven SKU: BER-403
Cycle Mode	Forced convection	Forced convection	Forced convection	Forced convection	Forced convection
--Temp. Range	RT+10-250°C	RT+10-250°C	RT+10-250°C	RT+10-250°C	RT+10-250°C
--Temp. Resolution Ratio	0.1°C	0.1°C	0.1°C	0.1°C	0.1°C
--Temp. Motion	±1°C	±1°C	±1°C	±1°C	±1°C
--Temp. Uniformity	±2.5%	±2.5%	±2.5%	±2.5%	±2.5%



Forced Convection Oven
SKU: BER-303



Forced Convection Oven
SKU: BER-304



Forced Convection Oven
SKU: BER-401



Forced Convection Oven
SKU: BER-402



Forced Convection Oven
SKU: BER-403

Forced Convection Oven Series 100

TABLE 4 OF 16

Specification	Forced Convection Oven SKU: BER-404	Forced Convection Oven SKU: BER-704	Forced Convection Oven SKU: BER-710	Forced Convection Oven SKU: BER-713	Forced Convection Oven SKU: BER-714
Cycle Mode	Forced convection	Forced convection	Forced convection	Forced convection	Forced convection
--Temp. Range	RT+10-250°C	Incubator:RT+5-80°C Drying oven:80-300C	Incubator:RT+5-80°C Drying oven:80-300C	Incubator:RT+5-80°C Drying oven:80-300C	Incubator:RT+5-80°C Drying oven:80-300C
--Temp. Resolution Ratio	0.1°C	0.1°C	0.1°C	0.1°C	0.1°C
--Temp. Motion	±1°C	±1°C	±1°C	±1°C	±1°C
--Temp. Uniformity	±2.5%	±2.5%	±2.5%	±2.5%	±2.5%



Forced Convection Oven
SKU: BER-404



Forced Convection Oven
SKU: BER-704



Forced Convection Oven
SKU: BER-710



Forced Convection Oven
SKU: BER-713



Forced Convection Oven
SKU: BER-714

Forced Convection Oven Series 100

TABLE 5 OF 16

Specification	Forced Convection Oven SKU: BER-715	Forced Convection Oven SKU: BER-716	Forced Convection Oven SKU: BER-717	Forced Convection Oven SKU: BER-1101	Forced Convection Oven SKU: BER-1102
Cycle Mode	Forced convection	Forced convection	Forced convection	Fan - forced circulation	Fan - forced circulation
--Temp. Range	Incubator:RT+5-80°C Drying oven:80-300C	Incubator:RT+5-80°C Drying oven:80-300C	Incubator:RT+5-80°C Drying oven:80-300C	RT+10-250°C	RT+10-250°C
--Temp. Resolution Ratio	0.1°C	0.1°C	0.1°C	0.1°C	0.1°C
--Temp. Motion	±1°C	±1°C	±1°C	±1°C	±1°C
--Temp. Uniformity	±2.5%	±2.5%	±2.5%	±3%	±3%



Forced Convection Oven
SKU: BER-715



Forced Convection Oven
SKU: BER-716



Forced Convection Oven
SKU: BER-717



Forced Convection Oven
SKU: BER-1101



Forced Convection Oven
SKU: BER-1102

Forced Convection Oven Series 100

TABLE 6 OF 16

Specification	Forced Convection Oven SKU: BER-1103	Forced Convection Oven SKU: BER-1104	Forced Convection Oven SKU: BER-1105	Forced Convection Oven SKU: BER-1106	Forced Convection Oven SKU: BER-1107
Cycle Mode	Fan - forced circulation	Fan - forced circulation	Fan - forced circulation	Fan - forced circulation	Fan - forced circulation
--Temp. Range	RT+10-300°C	RT+10-300°C	RT+10-300°C	RT+10-250°C	RT+10-250°C
--Temp. Resolution Ratio	0.1°C	0.1°C	0.1°C	0.1°C	0.1°C
--Temp. Motion	±1°C	±1°C	±1°C	±1°C	±1°C
--Temp. Uniformity	±3%	±3%	±3%	±3%	±3%



Forced Convection Oven
SKU: BER-1103



Forced Convection Oven
SKU: BER-1104



Forced Convection Oven
SKU: BER-1105



Forced Convection Oven
SKU: BER-1106



Forced Convection Oven
SKU: BER-1107

Forced Convection Oven Series 100

TABLE 7 OF 16

Specification	Forced Convection Oven SKU: BER-1108	Forced Convection Oven SKU: BER-1109	Forced Convection Oven SKU: BER-1110	Forced Convection Oven SKU: BER-1301	Forced Convection Oven SKU: BER-1302
Cycle Mode	Fan - forced circulation	Fan - forced circulation	Fan - forced circulation	Forced convection	Forced convection
--Temp. Range	RT+10-300°C	RT+10-300°C	RT+10-300°C	RT+20-500°C	RT+20-500°C
--Temp. Resolution Ratio	0.1°C	0.1°C	0.1°C	0.1°C	0.1°C
--Temp. Motion	±1°C	±1°C	±1°C	±0.5°C	±0.5°C
--Temp. Uniformity	±3%	±3%	±3%	0.025	0.025



Forced Convection Oven
SKU: BER-1108



Forced Convection Oven
SKU: BER-1109



Forced Convection Oven
SKU: BER-1110



Forced Convection Oven
SKU: BER-1301



Forced Convection Oven
SKU: BER-1302

Forced Convection Oven Series 100

TABLE 8 OF 16

Specification	Forced Convection Oven SKU: BER-1303	Forced Convection Oven SKU: BER-1304	Forced Convection Oven SKU: BER-1305	Forced Convection Oven SKU: BER-1306	Forced Convection Oven SKU: BER-1307
Cycle Mode	Forced convection	Forced convection	Forced convection	Forced convection	Forced convection
--Temp. Range	RT+20-500°C	RT+20-500°C	RT+20-600°C	RT+20-600°C	RT+20-600°C
--Temp. Resolution Ratio	0.1°C	0.1°C	0.1°C	0.1°C	0.1°C
--Temp. Motion	±0.5°C	±0.5°C	±0.5°C	±0.5°C	±0.5°C
--Temp. Uniformity	0.025	0.025	0.025	0.025	0.025



Forced Convection Oven
SKU: BER-1303



Forced Convection Oven
SKU: BER-1304



Forced Convection Oven
SKU: BER-1305



Forced Convection Oven
SKU: BER-1306



Forced Convection Oven
SKU: BER-1307

Forced Convection Oven Series 100

TABLE 9 OF 16

Specification	Forced Convection Oven SKU: BER-1308	Forced Convection Oven SKU: BER-8001	Forced Convection Oven SKU: BER-8002	Forced Convection Oven SKU: BER-8003	Forced Convection Oven SKU: BER-8004
Cycle Mode	Forced convection	Forced convection	Forced convection	Forced convection	Forced convection
--Temp. Range	RT+20-600°C	RT+10-300°C	RT+10-300°C	RT+10-300°C	RT+10-300°C
--Temp. Resolution Ratio	0.1°C	0.1°C	0.1°C	0.1°C	0.1°C
--Temp. Motion	±0.5°C	±1°C	±1°C	±1°C	±1°C
--Temp. Uniformity	0.025	±2.5%	±2.5%	±2.5%	±2.5%



Forced Convection Oven
SKU: BER-1308



Forced Convection Oven
SKU: BER-8001



Forced Convection Oven
SKU: BER-8002



Forced Convection Oven
SKU: BER-8003



Forced Convection Oven
SKU: BER-8004

Forced Convection Oven Series 100

TABLE 10 OF 16

Specification	Forced Convection Oven SKU: BER-8005	Forced Convection Oven SKU: BER-8006	Forced Convection Oven SKU: BER-8201	Forced Convection Oven SKU: BER-8202	Forced Convection Oven SKU: BER-8203
Cycle Mode	Forced convection	Forced convection	Forced convection	Forced convection	Forced convection
--Temp. Range	RT+10-300°C	RT+10-300°C	RT+5-120°C	RT+5-120°C	RT+5-120°C
--Temp. Resolution Ratio	0.1°C	0.1°C	0.1°C	0.1°C	0.1°C
--Temp. Motion	±1°C	±1°C	±1°C	±1°C	±1°C
--Temp. Uniformity	±2.5%	±2.5%	±1.0°C	±1.0°C	±1.0°C



Forced Convection Oven
SKU: BER-8005



Forced Convection Oven
SKU: BER-8006



Forced Convection Oven
SKU: BER-8201



Forced Convection Oven
SKU: BER-8202



Forced Convection Oven
SKU: BER-8203

Forced Convection Oven Series 100

TABLE 11 OF 16

Specification	Forced Convection Oven SKU: BER-8204	Forced Convection Oven SKU: BER-8205	Forced Convection Oven SKU: BER-8206	Forced Convection Oven SKU: BIDP-101	Forced Convection Oven SKU: BIDP-102
Cycle Mode	Forced convection	Forced convection	Forced convection	Forced convection	Forced convection
--Temp. Range	RT+5-120°C	RT+5-120°C	RT+5-120°C	Incubator:RT+5-80°C Drying oven:80-300C	Incubator:RT+5-80°C Drying oven:80-300C
--Temp. Resolution Ratio	0.1°C	0.1°C	0.1°C	0.1°C	0.1°C
--Temp. Motion	±1°C	±1°C	±1°C	±1°C	±1°C
--Temp. Uniformity	±1.0°C	±1.0°C	±1.0°C	±2.5%	±2.5%



Forced Convection Oven
SKU: BER-8204



Forced Convection Oven
SKU: BER-8205



Forced Convection Oven
SKU: BER-8206



Forced Convection Oven
SKU: BIDP-101



Forced Convection Oven
SKU: BIDP-102

Forced Convection Oven Series 100

TABLE 12 OF 16

Specification	Forced Convection Oven SKU: BIDP-103	Forced Convection Oven SKU: BIDP-104	Forced Convection Oven SKU: BIDP-105	Forced Convection Oven SKU: BIDP-201	Forced Convection Oven SKU: BIDP-202
Cycle Mode	Forced convection	Forced convection	Forced convection	Forced convection	Forced convection
--Temp. Range	Incubator:RT+5-80°C Drying oven:80-300C	Incubator:RT+5-80°C Drying oven:80-300C	Incubator:RT+5-80°C Drying oven:80-300C	Incubator:RT+5-80°C Drying oven:80-300C	Incubator:RT+5-80°C Drying oven:80-300C
--Temp. Resolution Ratio	0.1°C	0.1°C	0.1°C	0.1°C	0.1°C
--Temp. Motion	±1°C	±1°C	±1°C	±1°C	±1°C
--Temp. Uniformity	±2.5%	±2.5%	±2.5%	±2.5%	±2.5%



Forced Convection Oven
SKU: BIDP-103



Forced Convection Oven
SKU: BIDP-104



Forced Convection Oven
SKU: BIDP-105



Forced Convection Oven
SKU: BIDP-201



Forced Convection Oven
SKU: BIDP-202

Forced Convection Oven Series 100

TABLE 13 OF 16

Specification	Forced Convection Oven SKU: BIDP-203	Forced Convection Oven SKU: BIDP-204	Forced Convection Oven SKU: BIDP-205	Forced Convection Oven SKU: BODR-101	Forced Convection Oven SKU: BODR-102
Cycle Mode	Forced convection	Forced convection	Forced convection	Forced convection	Forced convection
--Temp. Range	Incubator:RT+5-80°C Drying oven:80-300C	Incubator:RT+5-80°C Drying oven:80-300C	Incubator:RT+5-80°C Drying oven:80-300C	RT+10-250°C	RT+10-250°C
--Temp. Resolution Ratio	0.1°C	0.1°C	0.1°C	0.1°C	0.1°C
--Temp. Motion	±1°C	±1°C	±1°C	±1°C	±1°C
--Temp. Uniformity	±2.5%	±2.5%	±2.5%	±2.5%	±2.5%



Forced Convection Oven
SKU: BIDP-203



Forced Convection Oven
SKU: BIDP-204



Forced Convection Oven
SKU: BIDP-205



Forced Convection Oven
SKU: BODR-101



Forced Convection Oven
SKU: BODR-102

Forced Convection Oven Series 100

TABLE 14 OF 16

Specification	Forced Convection Oven SKU: BODR-103	Forced Convection Oven SKU: BODR-104	Forced Convection Oven SKU: BODR-301	Forced Convection Oven SKU: BODR-302	Forced Convection Oven SKU: BODR-303
Cycle Mode	Forced convection	Forced convection	Forced convection	Forced convection	Forced convection
--Temp. Range	RT+10-250°C	RT+10-250°C	RT+10-300°C	RT+10-300°C	RT+10-300°C
--Temp. Resolution Ratio	0.1°C	0.1°C	0.1°C	0.1°C	0.1°C
--Temp. Motion	±1°C	±1°C	±1°C	±1°C	±1°C
--Temp. Uniformity	±2.5%	±2.5%	±2.5%	±2.5%	±2.5%



Forced Convection Oven
SKU: BODR-103



Forced Convection Oven
SKU: BODR-104



Forced Convection Oven
SKU: BODR-301



Forced Convection Oven
SKU: BODR-302



Forced Convection Oven
SKU: BODR-303

Forced Convection Oven Series 100

TABLE 15 OF 16

Specification	Forced Convection Oven SKU: BODR-304	Forced Convection Oven SKU: BODR-305	Forced Convection Oven SKU: BODR-306	Forced Convection Oven SKU: BOFC-101	Forced Convection Oven SKU: BOFC-102
Cycle Mode	Forced convection	Forced convection	Forced convection	Forced convection	Forced convection
--Temp. Range	RT+10-300°C	RT+10-300°C	RT+10-300°C	RT+10-300°C	RT+10-300°C
--Temp. Resolution Ratio	0.1°C	0.1°C	0.1°C	0.1°C	0.1°C
--Temp. Motion	±1°C	±1°C	±1°C	±1°C	±1°C
--Temp. Uniformity	±2.5%	±2.5%	±2.5%	±2.5%	±2.5%



Forced Convection Oven
SKU: BODR-304



Forced Convection Oven
SKU: BODR-305



Forced Convection Oven
SKU: BODR-306



Forced Convection Oven
SKU: BOFC-101



Forced Convection Oven
SKU: BOFC-102

Forced Convection Oven Series 100

TABLE 16 OF 16

Specification	Forced Convection Oven SKU: BOFC-103	Forced Convection Oven SKU: BOFC-104	Forced Convection Oven SKU: BOFC-105	Forced Convection Oven SKU: BOFC-106
Cycle Mode	Forced convection	Forced convection	Forced convection	Forced convection
--Temp. Range	RT+10-300°C	RT+10-300°C	RT+10-300°C	RT+10-300°C
--Temp. Resolution Ratio	0.1°C	0.1°C	0.1°C	0.1°C
--Temp. Motion	±1°C	±1°C	±1°C	±1°C
--Temp. Uniformity	±2.5%	±2.5%	±2.5%	±2.5%



Forced Convection Oven
SKU: BOFC-103



Forced Convection Oven
SKU: BOFC-104



Forced Convection Oven
SKU: BOFC-105



Forced Convection Oven
SKU: BOFC-106

Forced Convection Oven Series 200

TABLE 1 OF 2

Specification	Forced Convection Oven SKU: BIGP-608	Forced Convection Oven SKU: BIGP-609	Forced Convection Oven SKU: BIGP-610	Forced Convection Oven SKU: BODR-201	Forced Convection Oven SKU: BODR-202
Convection Mode	Forced Convection	Forced Convection	Forced Convection	Forced Convection	Forced Convection
Control System	Microprocessor PID	Microprocessor PID	Microprocessor PID	Microprocessor PID	Microprocessor PID
Temp. Range (°C)	RT+3°C~65°C	RT+3°C~65°C	RT+3°C~65°C	RT+5°C~250°C	RT+5°C~250°C
Temp. Accuracy (°C)	0.1	0.1	0.1	0.1	0.1
Temp. Fluctuation (°C)	≤ ±0.5 (3~50°C)	≤ ±0.5 (3~50°C)	≤ ±0.5 (3~50°C)	±1 (50~240°C)	±1 (50~240°C)



Forced Convection Oven
SKU: BIGP-608



Forced Convection Oven
SKU: BIGP-609



Forced Convection Oven
SKU: BIGP-610



Forced Convection Oven
SKU: BODR-201



Forced Convection Oven
SKU: BODR-202

Forced Convection Oven Series 200

TABLE 2 OF 2

Specification	Forced Convection Oven SKU: BODR-203
Convection Mode	Forced Convection
Control System	Microprocessor PID
Temp. Range (°C)	RT+5°C~250°C
Temp. Accuracy (°C)	0.1
Temp. Fluctuation (°C)	±1 (50~240°C)



Forced Convection Oven
SKU: BODR-203

Forced Convection Oven Series 300

TABLE 1 OF 2

Specification	Forced Convection Oven SKU: BIGP-6901	Forced Convection Oven SKU: BIGP-6902	Forced Convection Oven SKU: BIGP-6903	Forced Convection Oven SKU: BIGP-6904	Forced Convection Oven SKU: BIGP-6905
Electrical Requirements	220V 50Hz	220V 50Hz	220V 50Hz	220V 50Hz	220V 50Hz
Temperature Range	RT+10~300°C	RT+10~300°C	RT+10~300°C	RT+10~300°C	RT+10~300°C
Display Resolution	0.1°C	0.1°C	0.1°C	0.1°C	0.1°C
Temperature Stability	±1°C	±1°C	±1°C	±1°C	±1°C
Temperature Uniformity	±3% (at 100°C)	±3% (at 100°C)	±3% (at 100°C)	±3% (at 100°C)	±3% (at 100°C)



Forced Convection Oven
SKU: BIGP-6901



Forced Convection Oven
SKU: BIGP-6902



Forced Convection Oven
SKU: BIGP-6903



Forced Convection Oven
SKU: BIGP-6904



Forced Convection Oven
SKU: BIGP-6905

Forced Convection Oven Series 300

TABLE 2 OF 2

Specification	Forced Convection Oven SKU: BIGP-6906	Forced Convection Oven SKU: BIGP-6907	Forced Convection Oven SKU: BIGP-6908
Electrical Requirements	220V 50Hz	380V 50Hz	380V 50Hz
Temperature Range	RT+10~300°C	RT+10~300°C	RT+10~300°C
Display Resolution	0.1°C	0.1°C	0.1°C
Temperature Stability	±1°C	±1°C	±1°C
Temperature Uniformity	±3% (at 100°C)	±3% (at 100°C)	±3% (at 100°C)



Forced Convection Oven
SKU: BIGP-6906



Forced Convection Oven
SKU: BIGP-6907



Forced Convection Oven
SKU: BIGP-6908

Forced Convection Oven Series 300

TABLE 1 OF 2

Specification	Forced Convection Oven SKU: BOFC-5401	Forced Convection Oven SKU: BOFC-5402	Forced Convection Oven SKU: BOFC-5403	Forced Convection Oven SKU: BOFC-5404	Forced Convection Oven SKU: BOFC-5405
Type	Touch screen	Touch screen	Touch screen	Touch screen	Touch screen
Capacity (L)	35L	59L	115L	234L	400L
Temp Range	RT+10°C - 200°C (MAX 300°C)	RT+10°C - 200°C (MAX 300°C)	RT+10°C - 200°C (MAX 300°C)	RT+10°C - 200°C (MAX 300°C)	RT+10°C - 200°C (MAX 300°C)
Display Resolution	0.1°C	0.1°C	0.1°C	0.1°C	0.1°C
Uniformity at 100°C	±2.0°C	±2.0°C	±2.0°C	±2.0°C	±2.0°C



Forced Convection Oven
SKU: BOFC-5401



Forced Convection Oven
SKU: BOFC-5402



Forced Convection Oven
SKU: BOFC-5403



Forced Convection Oven
SKU: BOFC-5404



Forced Convection Oven
SKU: BOFC-5405

Forced Convection Oven Series 300

TABLE 2 OF 2

Specification	Forced Convection Oven SKU: BOFC-5501	Forced Convection Oven SKU: BOFC-5502	Forced Convection Oven SKU: BOFC-5503	Forced Convection Oven SKU: BOFC-5504	Forced Convection Oven SKU: BOFC-5505
Type	LCD Controller	LCD Controller	LCD Controller	LCD Controller	LCD Controller
Capacity (L)	35L	59L	115L	234L	400L
Temp Range	RT+10°C - 200°C (MAX 300°C)	RT+10°C - 200°C (MAX 300°C)	RT+10°C - 200°C (MAX 300°C)	RT+10°C - 200°C (MAX 300°C)	RT+10°C - 200°C (MAX 300°C)
Display Resolution	0.1°C	0.1°C	0.1°C	0.1°C	0.1°C
Uniformity at 100°C	±2.0°C	±2.0°C	±2.0°C	±2.0°C	±2.0°C



Forced Convection Oven
SKU: BOFC-5501



Forced Convection Oven
SKU: BOFC-5502



Forced Convection Oven
SKU: BOFC-5503



Forced Convection Oven
SKU: BOFC-5504



Forced Convection Oven
SKU: BOFC-5505

Forced Convection Oven Series 300

TABLE 1 OF 2

Specification	Forced Convection Oven SKU: BOGP-201	Forced Convection Oven SKU: BOGP-202	Forced Convection Oven SKU: BOGP-203	Forced Convection Oven SKU: BOGP-204	Forced Convection Oven SKU: BOGP-206
Electrical Requirement	220V 50Hz	220V 50Hz	220V 50Hz	220V 50Hz	220V 50Hz
Temperature Range	RT+10°C~250°C	RT+10°C~250°C	RT+10°C~250°C	RT+10°C~250°C	RT+10°C~250°C
Display Resolution	0.1°C	0.1°C	0.1°C	0.1°C	0.1°C
Temperature Stability	±1°C	±1°C	±1°C	±1°C	±1°C
Temperature Uniformity	±3% (at 100°C)	±3% (at 100°C)	±3% (at 100°C)	±3% (at 100°C)	±3% (at 100°C)



Forced Convection Oven
SKU: BOGP-201



Forced Convection Oven
SKU: BOGP-202



Forced Convection Oven
SKU: BOGP-203



Forced Convection Oven
SKU: BOGP-204



Forced Convection Oven
SKU: BOGP-206

Forced Convection Oven Series 300

TABLE 2 OF 2

Specification	Forced Convection Oven SKU: BOGP-208	Forced Convection Oven SKU: BOGP-209	Forced Convection Oven SKU: BOGP-210	Forced Convection Oven SKU: BOGP-211
Electrical Requirement	220V 50Hz	380V 50Hz	380V 50Hz	380V 50Hz
Temperature Range	RT+10°C~250°C	RT+10°C~250°C	RT+10°C~250°C	RT+10°C~250°C
Display Resolution	0.1°C	0.1°C	0.1°C	0.1°C
Temperature Stability	±1°C	±1°C	±1°C	±1°C
Temperature Uniformity	±3% (at 100°C)	±3% (at 100°C)	±3% (at 100°C)	±3% (at 100°C)



Forced Convection Oven
SKU: BOGP-208



Forced Convection Oven
SKU: BOGP-209



Forced Convection Oven
SKU: BOGP-210



Forced Convection Oven
SKU: BOGP-211

FUNGAL GROWTH INCUBATOR

OVERVIEW

Fungal growth incubators maintain controlled temperature and humidity for microbiological cultures. Forced convection with built-in humidification offers temperature ranges from 0–65 °C and humidity 45–95 % RH. Programmable PID controllers, double-door viewing windows and safety alarms ensure stable, uniform conditions.

Highlights

- Temp-humidity control
- Forced convection
- Programmable settings
- Safety & visibility

For Detailed Technical Info & Accessories

Scan to view detailed technical information & accessories, or visit the link below.

CATALOG LINK

https://biolabscientific.com/content/catalogs/2410-Catalog-Biolab.pdf

Fungal Growth Incubator Series 100

TABLE 1 OF 2

Specification	Fungal Growth Incubator SKU: BER-2201	Fungal Growth Incubator SKU: BER-2202	Fungal Growth Incubator SKU: BER-2203	Fungal Growth Incubator SKU: BER-2301	Fungal Growth Incubator SKU: BER-2302
Cycle Mode	Forced Convection	Forced Convection	Forced Convection	Forced Convection	Forced Convection
--Temp. Range	No humidification: 0 - 65°C, humidification: 10 - 65°C	No humidification: 0 - 65°C, humidification: 10 - 65°C	No humidification: 0 - 65°C, humidification: 10 - 65°C	No humidification: 0 - 65°C; humidification: 10 - 60°C	No humidification: 0 - 65°C; humidification: 10 - 60°C
--Temp. Resolution Ratio	0.1°C	0.1°C	0.1°C	0.1°C	0.1°C
--Temp. Motion	High Temp: ±0.5°C, Low Temp: ±1°C	High Temp: ±0.5°C, Low Temp: ±1°C	High Temp: ±0.5°C, Low Temp: ±1°C	High Temp: ±0.5°C, Low Temp: ±1°C	High Temp: ±0.5°C, Low Temp: ±1°C
--Temp. Uniformity	±1°C	±1°C	±1°C	±1°C	±1°C



Fungal Growth Incubator
SKU: BER-2201



Fungal Growth Incubator
SKU: BER-2202



Fungal Growth Incubator
SKU: BER-2203



Fungal Growth Incubator
SKU: BER-2301



Fungal Growth Incubator
SKU: BER-2302

Fungal Growth Incubator Series 100

TABLE 2 OF 2

Specification	Fungal Growth Incubator SKU: BER-2303
Cycle Mode	Forced Convection
--Temp. Range	No humidification: 0 - 65°C; humidification: 10 - 60°C
--Temp. Resolution Ratio	0.1°C
--Temp. Motion	High Temp: ±0.5°C, Low Temp: ±1°C
--Temp. Uniformity	±1°C



Fungal Growth Incubator
SKU: BER-2303

Fungal Growth Incubator Series 200

TABLE 1 OF 2

Specification	Fungal Growth Incubator SKU: BIFG-101	Fungal Growth Incubator SKU: BIFG-102	Fungal Growth Incubator SKU: BIFG-103	Fungal Growth Incubator SKU: BIGP-605	Fungal Growth Incubator SKU: BIGP-606
Temp range (°C)	0~65 H~90	0~65 H~90	0~65 H~90	0~65 H~90	0~65 H~90
Accuracy (°C)	±0.1	±0.1	±0.1	±0.1	±0.1
Volatility (%)	±0.5	±0.5	±0.5	±0.5	±0.5
Humidity Range (%)	40%~95%	40%~95%	40%~95%	40%~95%	40%~95%
Humidity fluctuation (%)	±2	±2	±2	±2	±2



Fungal Growth Incubator
SKU: BIFG-101



Fungal Growth Incubator
SKU: BIFG-102



Fungal Growth Incubator
SKU: BIFG-103



Fungal Growth Incubator
SKU: BIGP-605



Fungal Growth Incubator
SKU: BIGP-606

Fungal Growth Incubator Series 200

TABLE 2 OF 2

Specification	Fungal Growth Incubator SKU: BIGP-607
Temp range (°C)	0~65 H~90
Accuracy (°C)	±0.1
Volatility (%)	±0.5
Humidity Range (%)	40%~95%
Humidity fluctuation (%)	±2



Fungal Growth Incubator
SKU: BIGP-607

Fungal Growth Incubator Series 300

Specification	Fungal Growth Incubator SKU: BIFG-201
Volume [L]	100
Type	Mould Incubator
Temp. Range [°C]	0~70
Temp. Resolution [°C]	0.1
Temp. Fluctuation [°C]	±0.5°C (heating) ±0.7°C (cooling)



Fungal Growth Incubator
SKU: BIFG-201

Fungal Growth Incubator Series 300

Specification	Fungal Growth Incubator SKU: BIFG-301	Fungal Growth Incubator SKU: BIFG-302	Fungal Growth Incubator SKU: BIFG-303	Fungal Growth Incubator SKU: BIFG-304
Volume [L]	150	250	400	800
Type	Mould Incubator	Mould Incubator	Mould Incubator	Mould Incubator
Temp. Range Without Humidifying [°C]	0-60	0-60	0-60	0-60
Temp. Range With Humidifying [°C]	10-60	10-60	10-60	10-60
Temp. Resolution [°C]	0.1	0.1	0.1	0.1



Fungal Growth Incubator
SKU: BIFG-301



Fungal Growth Incubator
SKU: BIFG-302



Fungal Growth Incubator
SKU: BIFG-303



Fungal Growth Incubator
SKU: BIFG-304

Fungal Growth Incubator Series 400

Specification	Fungal Growth Incubator SKU: BIFG-501
Temperature control range	37 °C
Temperature uniformity	≤±0.5 °C
Temperature stability	≤±0.2 °C
Heating time	25 °C~37 °C ≤5 min
Capacity	24 gel cards



Fungal Growth Incubator
SKU: BIFG-501

OVEN / INCUBATOR

GENERAL PURPOSE INCUBATOR

OVERVIEW

General purpose incubators support microbial and biochemical culture with natural or forced convection and PID control. They regulate temperatures from ambient +5 °C to roughly 70 °C with high precision, featuring stainless-steel chambers, double-glass doors, programmable timers and over-temperature alarms.

Highlights

- Natural or forced convection
- PID control
- Stainless steel
- Safety alarms

For Detailed Technical Info & Accessories

Scan to view detailed technical information & accessories, or visit the link below.

CATALOG LINK

https://biolabscientific.com/content/catalogs/2411-Catalog-Biolab.pdf

General Purpose Incubator Series 100

TABLE 1 OF 6

Specification	General Purpose Incubator SKU: BER-1601	General Purpose Incubator SKU: BER-1602	General Purpose Incubator SKU: BER-1603	General Purpose Incubator SKU: BER-1604	General Purpose Incubator SKU: BER-1704
Cycle Mode	Breeze circulation	Breeze circulation	Breeze circulation	Breeze circulation	Forced Convection
--Temp. Range	RT+5-70°C	RT+5-70°C	RT+5-70°C	RT+5-70°C	RT+5-120°C
--Temp. Resolution Ratio	0.1°C	0.1°C	0.1°C	0.1°C	0.1°C
--Temp. Motion	±0.5°C	±0.5°C	±0.5°C	±0.5°C	±1°C
--Temp. Uniformity	±0.8°C	±0.8°C	±0.8°C	±0.8°C	±1.0°C



General Purpose Incubator
SKU: BER-1601



General Purpose Incubator
SKU: BER-1602



General Purpose Incubator
SKU: BER-1603



General Purpose Incubator
SKU: BER-1604



General Purpose Incubator
SKU: BER-1704

General Purpose Incubator Series 100

TABLE 2 OF 6

Specification	General Purpose Incubator SKU: BER-1707	General Purpose Incubator SKU: BER-1708	General Purpose Incubator SKU: BER-1709	General Purpose Incubator SKU: BER-1710	General Purpose Incubator SKU: BER-1711
Cycle Mode	Forced Convection	Forced Convection	Forced Convection	Forced Convection	Forced Convection
--Temp. Range	RT+5-120°C	RT+5-120°C	RT+5-120°C	RT+5-120°C	RT+5-120°C
--Temp. Resolution Ratio	0.1°C	0.1°C	0.1°C	0.1°C	0.1°C
--Temp. Motion	±1°C	±1°C	±1°C	±1°C	±1°C
--Temp. Uniformity	±1.0°C	±1.0°C	±1.0°C	±1.0°C	±1.0°C



General Purpose Incubator
SKU: BER-1707



General Purpose Incubator
SKU: BER-1708



General Purpose Incubator
SKU: BER-1709



General Purpose Incubator
SKU: BER-1710



General Purpose Incubator
SKU: BER-1711

General Purpose Incubator Series 100

TABLE 3 OF 6

Specification	General Purpose Incubator SKU: BER-1712	General Purpose Incubator SKU: BER-1801	General Purpose Incubator SKU: BER-1802	General Purpose Incubator SKU: BIAJ-101	General Purpose Incubator SKU: BIAJ-102
Cycle Mode	Forced Convection	Natural Convection	Natural Convection	Forced Convection	Forced Convection
--Temp. Range	RT+5-120°C	RT+5-65°C	RT+5-65°C	RT+5-120°C	RT+5-120°C
--Temp. Resolution Ratio	0.1°C	0.1°C	0.1°C	0.1°C	0.1°C
--Temp. Motion	±1°C	±0.5°C	±0.5°C	±1°C	±1°C
--Temp. Uniformity	±1.0°C	±1.5°C	±1.5°C	±1.0°C	±1.0°C



General Purpose Incubator
SKU: BER-1712



General Purpose Incubator
SKU: BER-1801



General Purpose Incubator
SKU: BER-1802



General Purpose Incubator
SKU: BIAJ-101



General Purpose Incubator
SKU: BIAJ-102

General Purpose Incubator Series 100

TABLE 4 OF 6

Specification	General Purpose Incubator SKU: BIAJ-103	General Purpose Incubator SKU: BIAJ-104	General Purpose Incubator SKU: BIAJ-105	General Purpose Incubator SKU: BIFG-504	General Purpose Incubator SKU: BIGP-102
Cycle Mode	Forced Convection	Forced Convection	Forced Convection	Natural Convection	Natural Convection
--Temp. Range	RT+5-120°C	RT+5-120°C	RT+5-120°C	RT+5-70°C	RT+5-70°C
--Temp. Resolution Ratio	0.1°C	0.1°C	0.1°C	0.1°C	0.1°C
--Temp. Motion	±1°C	±1°C	±1°C	±0.5°C	±0.5°C
--Temp. Uniformity	±1.0°C	±1.0°C	±1.0°C	±1.5°C	±1.5°C



General Purpose Incubator
SKU: BIAJ-103



General Purpose Incubator
SKU: BIAJ-104



General Purpose Incubator
SKU: BIAJ-105



General Purpose Incubator
SKU: BIFG-504



General Purpose Incubator
SKU: BIGP-102

General Purpose Incubator Series 100

TABLE 5 OF 6

Specification	General Purpose Incubator SKU: BIGP-103	General Purpose Incubator SKU: BIGP-104	General Purpose Incubator SKU: BIGP-301	General Purpose Incubator SKU: BIGP-302	General Purpose Incubator SKU: BIGP-303
Cycle Mode	Natural Convection	Natural Convection	Natural Convection	Natural Convection	Natural Convection
--Temp. Range	RT+5-70°C	RT+5-70°C	RT+5-70°C	RT+5-70°C	RT+5-70°C
--Temp. Resolution Ratio	0.1°C	0.1°C	0.1°C	0.1°C	0.1°C
--Temp. Motion	±0.5°C	±0.5°C	±0.5°C	±0.5°C	±0.5°C
--Temp. Uniformity	±1.5°C	±1.5°C	±1.5°C	±1.5°C	±1.5°C



General Purpose Incubator
SKU: BIGP-103



General Purpose Incubator
SKU: BIGP-104



General Purpose Incubator
SKU: BIGP-301



General Purpose Incubator
SKU: BIGP-302



General Purpose Incubator
SKU: BIGP-303

General Purpose Incubator Series 100

TABLE 6 OF 6

Specification	General Purpose Incubator SKU: BIGP-304
Cycle Mode	Natural Convection
--Temp. Range	RT+5-70°C
--Temp. Resolution Ratio	0.1°C
--Temp. Motion	±0.5°C
--Temp. Uniformity	±1.5°C



General Purpose Incubator
SKU: BIGP-304

General Purpose Incubator Series 100

Specification	General Purpose Incubator SKU: BER-5601	General Purpose Incubator SKU: BER-5602
Cycle Mode	Forced Convection	Forced Convection
Temp. Range	RT+5~120°C	RT+5~120°C
Temp. Resolution	0.1°C	0.1°C
Temp. Fluctuation	±0.5°C	±0.5°C
Temp. Distribution Accuracy	±1°C (tested at 37°C)	±1°C (tested at 37°C)



General Purpose Incubator
SKU: BER-5601



General Purpose Incubator
SKU: BER-5602

General Purpose Incubator Series 200

Specification	General Purpose Incubator SKU: BIGP-401	General Purpose Incubator SKU: BIGP-402	General Purpose Incubator SKU: BIGP-403
Voltage (V)	220	220	220
Temp range (°C)	RT+5~65	RT+5~65	RT+5~65
Accuracy (°C)	±0.1	±0.1	±0.1
Timing range (min)	0~999	0~999	0~999
Fluctuation (%)	±0.5	±0.5	±0.5



General Purpose Incubator
SKU: BIGP-401



General Purpose Incubator
SKU: BIGP-402



General Purpose Incubator
SKU: BIGP-403

General Purpose Incubator Series 200

TABLE 1 OF 2

Specification	General Purpose Incubator SKU: BIGP-611	General Purpose Incubator SKU: BIGP-612	General Purpose Incubator SKU: BIGP-613	General Purpose Incubator SKU: BOHA-317	General Purpose Incubator SKU: BOHA-318
Convection mode	Forced-convection	Forced-convection	Forced-convection	Forced-convection	Forced-convection
Control mode	30 Programmable PID Control System	30 Programmable PID Control System	30 Programmable PID Control System	30 Programmable PID Control System	30 Programmable PID Control System
Temperature range (°C)	0~65°C	0~65°C	0~65°C	0~65°C	0~65°C
Humidity range	40~95%RH	40~95%RH	40~95%RH	40~95%RH	40~95%RH
Temp. resolution (°C)	0.1	0.1	0.1	0.1	0.1



General Purpose Incubator
SKU: BIGP-611



General Purpose Incubator
SKU: BIGP-612



General Purpose Incubator
SKU: BIGP-613



General Purpose Incubator
SKU: BOHA-317



General Purpose Incubator
SKU: BOHA-318

General Purpose Incubator Series 200

TABLE 2 OF 2

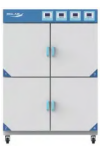
Specification	General Purpose Incubator SKU: BOHA-319
Convection mode	Forced-convection
Control mode	30 Programmable PID Control System
Temperature range (°C)	0~65°C
Humidity range	40~95%RH
Temp. resolution (°C)	0.1



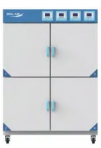
General Purpose Incubator
SKU: BOHA-319

General Purpose Incubator Series 300

Specification	General Purpose Incubator SKU: BGI-1701	General Purpose Incubator SKU: BGI-1702
Voltage	AC220V 50HZ	AC220V 50HZ
Temp Range	RT+5~65°C	RT+5~65°C
Display Resolution	0.1°C	0.1°C
Temp Stability	±0.5°C	±0.5°C
Ambient Temperature	+5~35°C	+5~35°C



General Purpose Incubator
SKU: BGI-1701



General Purpose Incubator
SKU: BGI-1702

General Purpose Incubator Series 300

TABLE 1 OF 3

Specification	General Purpose Incubator SKU: BIGP-201	General Purpose Incubator SKU: BIGP-202	General Purpose Incubator SKU: BIGP-203	General Purpose Incubator SKU: BIGP-204	General Purpose Incubator SKU: BIGP-205
Electrical Requirement	220V 50Hz	220V 50Hz	220V 50Hz	220V 50Hz	220V 50Hz
Temperature Range	RT+5~65°C	RT+5~65°C	RT+5~65°C	RT+5~65°C	RT+5~65°C
Display Resolution	0.1°C	0.1°C	0.1°C	0.1°C	0.1°C
Ambient Temperature	+5~35°C	+5~35°C	+5~35°C	+5~35°C	+5~35°C
Temperature Uniformity	±1.5°C (at 37°C)	±1.5°C (at 37°C)	±1.5°C (at 37°C)	±1.5°C (at 37°C)	±1.5°C (at 37°C)



General Purpose Incubator
SKU: BIGP-201



General Purpose Incubator
SKU: BIGP-202



General Purpose Incubator
SKU: BIGP-203



General Purpose Incubator
SKU: BIGP-204



General Purpose Incubator
SKU: BIGP-205

General Purpose Incubator Series 300

TABLE 2 OF 3

Specification	General Purpose Incubator SKU: BIGP-206	General Purpose Incubator SKU: BIGP-501	General Purpose Incubator SKU: BIGP-502	General Purpose Incubator SKU: BIGP-503	General Purpose Incubator SKU: BIGP-7601
Electrical Requirement	220V 50Hz	220V 50Hz	220V 50Hz	220V 50Hz	220V 50Hz
Temperature Range	RT+5~65°C	RT+5~65°C	RT+5~65°C	RT+5~65°C	RT+5~65°C
Display Resolution	0.1°C	0.1°C / ±0.5°C	0.1°C / ±0.5°C	0.1°C / ±0.5°C	±0.5°C
Ambient Temperature	+5~35°C	+5~35°C	+5~35°C	+5~35°C	+5~35°C
Temperature Uniformity	±1.5°C (at 37°C)	±2.0 (at 37°C)	±2.0 (at 37°C)	±2.0 (at 37°C)	±1.5°C (at 37°C)



General Purpose Incubator
SKU: BIGP-206



General Purpose Incubator
SKU: BIGP-501



General Purpose Incubator
SKU: BIGP-502



General Purpose Incubator
SKU: BIGP-503



General Purpose Incubator
SKU: BIGP-7601

General Purpose Incubator Series 300

TABLE 3 OF 3

Specification	General Purpose Incubator SKU: BIGP-7602	General Purpose Incubator SKU: BIGP-7603	General Purpose Incubator SKU: BIGP-7604	General Purpose Incubator SKU: BIGP-7605	General Purpose Incubator SKU: BIGP-7606
Electrical Requirement	220V 50Hz	220V 50Hz	220V 50Hz	220V 50Hz	220V 50Hz
Temperature Range	RT+5~65°C	RT+5~65°C	RT+5~65°C	RT+5~65°C	RT+5~65°C
Display Resolution	±0.5°C	±0.5°C	±0.5°C	±0.5°C	±0.5°C
Ambient Temperature	+5~35°C	+5~35°C	+5~35°C	+5~35°C	+5~35°C
Temperature Uniformity	±1.5°C (at 37°C)	±1.5°C (at 37°C)	±1.5°C (at 37°C)	±1.5°C (at 37°C)	±1.5°C (at 37°C)



General Purpose Incubator
SKU: BIGP-7602



General Purpose Incubator
SKU: BIGP-7603



General Purpose Incubator
SKU: BIGP-7604



General Purpose Incubator
SKU: BIGP-7605



General Purpose Incubator
SKU: BIGP-7606

General Purpose Incubator Series 300

TABLE 1 OF 2

Specification	General Purpose Incubator SKU: BIGP-6401	General Purpose Incubator SKU: BIGP-6402	General Purpose Incubator SKU: BIGP-6403	General Purpose Incubator SKU: BIGP-6404	General Purpose Incubator SKU: BIGP-6405
Type	Touch screen	Touch screen	Touch screen	Touch screen	Touch screen
Capacity (L)	35L	67L	146L	253L	420L
Temp Range	RT+5 - 80°C	RT+5 - 80°C	RT+5 - 80°C	RT+5 - 80°C	RT+5 - 80°C
Stability	±0.2°C	±0.2°C	±0.2°C	±0.2°C	±0.2°C
Uniformity (at 37°C)	±0.8°C	±0.8°C	±0.8°C	±0.8°C	±0.8°C



General Purpose Incubator
SKU: BIGP-6401



General Purpose Incubator
SKU: BIGP-6402



General Purpose Incubator
SKU: BIGP-6403



General Purpose Incubator
SKU: BIGP-6404



General Purpose Incubator
SKU: BIGP-6405

General Purpose Incubator Series 300

TABLE 2 OF 2

Specification	General Purpose Incubator SKU: BIGP-6501	General Purpose Incubator SKU: BIGP-6502	General Purpose Incubator SKU: BIGP-6503	General Purpose Incubator SKU: BIGP-6504	General Purpose Incubator SKU: BIGP-6505
Type	LCD Controller	LCD Controller	LCD Controller	LCD Controller	LCD Controller
Capacity (L)	35L	67L	146L	253L	420L
Temp Range	RT+5 - 80°C	RT+5 - 80°C	RT+5 - 80°C	RT+5 - 80°C	RT+5 - 80°C
Stability	±0.2°C	±0.2°C	±0.2°C	±0.2°C	±0.2°C
Uniformity (at 37°C)	±0.8°C	±0.8°C	±0.8°C	±0.8°C	±0.8°C



General Purpose Incubator
SKU: BIGP-6501



General Purpose Incubator
SKU: BIGP-6502



General Purpose Incubator
SKU: BIGP-6503



General Purpose Incubator
SKU: BIGP-6504



General Purpose Incubator
SKU: BIGP-6505

General Purpose Incubator Series 300

Specification	General Purpose Incubator SKU: BIGP-7701	General Purpose Incubator SKU: BIGP-7702	General Purpose Incubator SKU: BIGP-7703	General Purpose Incubator SKU: BIGP-7704	General Purpose Incubator SKU: BIGP-7705
Electrical Requirement	220V 50HZ	220V 50HZ	220V 50HZ	220V 50HZ	220V 50HZ
Controller	LCD Programmable controller	LCD Programmable controller	LCD Programmable controller	LCD Programmable controller	LCD Programmable controller
Temperature Range	RT+5°C ~80°C	RT+5°C ~80°C	RT+5°C ~80°C	RT+5°C ~80°C	RT+5°C ~80°C
Display Resolution	0.1°C	0.1°C	0.1°C	0.1°C	0.1°C
Temperature Stability	±0.2°C	±0.2°C	±0.2°C	±0.2°C	±0.2°C



General Purpose Incubator
SKU: BIGP-7701



General Purpose Incubator
SKU: BIGP-7702



General Purpose Incubator
SKU: BIGP-7703



General Purpose Incubator
SKU: BIGP-7704



General Purpose Incubator
SKU: BIGP-7705

OVEN / INCUBATOR

GENERAL PURPOSE OVEN

OVERVIEW

Laboratory ovens use micro-computer control with an LED display and forced air convection to maintain uniform temperatures. Stainless-steel chambers, adjustable shelves and observation windows support routine drying and heating tasks across capacities from 40 L to over 200 L.

Highlights

- Micro-computer control
- Forced air convection
- Stainless steel chamber
- Over-temperature alarm

For Detailed Technical Info & Accessories

Scan to view detailed technical information & accessories, or visit the link below.

CATALOG LINK

https://biolabscientific.com/content/catalogs/2412-Catalog-Biolab.pdf

General Purpose Oven Series 100

Specification	General Purpose Oven SKU: BOGP-101	General Purpose Oven SKU: BOGP-102	General Purpose Oven SKU: BOGP-103	General Purpose Oven SKU: BOGP-104
Capacity	40L	70L	130L	225L
Internal dimension/capacity (HxWxD) mm / liter	350x350x350	450x450x450	550x550x450	750x600x550
External dimension (HxWxD) mm	530x640x550	630x740x550	750x890x630	980x965x770
Package dimension (HxWxD) mm	650x720x630	750x820x630	870x970x710	1100x1045x850
Voltage (V)	220	220	220	220



General Purpose Oven
SKU: BOGP-101



General Purpose Oven
SKU: BOGP-102



General Purpose Oven
SKU: BOGP-103



General Purpose Oven
SKU: BOGP-104

OVEN / INCUBATOR

HOT AIR OVEN

OVERVIEW

Hot air ovens and incubators use forced convection to dry or sterilize samples. Models provide temperature ranges from ambient plus 10 °C to 300 °C with 0.1 °C resolution and offer different chamber volumes for incubating microplates or sterilizing labware.

Highlights

- Forced convection heating
- 300 °C temperature range
- Fine resolution control
- Various chamber volumes

For Detailed Technical Info & Accessories

Scan to view detailed technical information & accessories, or visit the link below.

CATALOG LINK

https://biolabscientific.com/content/catalogs/2414-Catalog-Biolab.pdf

Hot Air Oven Series 100

TABLE 1 OF 2

Specification	Hot Air Oven SKU: BER-8101	Hot Air Oven SKU: BER-8102	Hot Air Oven SKU: BER-8103	Hot Air Oven SKU: BER-8104	Hot Air Oven SKU: BER-8105
Cycle Mode	Forced convection	Forced convection	Forced convection	Forced convection	Forced convection
--Temp. Range	RT+10-300°C	RT+10-300°C	RT+10-300°C	RT+10-300°C	RT+10-300°C
--Temp. Resolution Ratio	0.1°C	0.1°C	0.1°C	0.1°C	0.1°C
--Temp. Motion	±1°C	±1°C	±1°C	±1°C	±1°C
--Temp. Uniformity	±2.5%	±2.5%	±2.5%	±2.5%	±2.5%



Hot Air Oven
SKU: BER-8101



Hot Air Oven
SKU: BER-8102



Hot Air Oven
SKU: BER-8103



Hot Air Oven
SKU: BER-8104



Hot Air Oven
SKU: BER-8105

Hot Air Oven Series 100

TABLE 2 OF 2

Specification	Hot Air Oven SKU: BER-8106
Cycle Mode	Forced convection
--Temp. Range	RT+10-300°C
--Temp. Resolution Ratio	0.1°C
--Temp. Motion	±1°C
--Temp. Uniformity	±2.5%



Hot Air Oven
SKU: BER-8106

Hot Air Oven Series 200

Specification	Hot Air Oven SKU: BOHA-309	Hot Air Oven SKU: BOHA-310	Hot Air Oven SKU: BOHA-311	Hot Air Oven SKU: BOHA-312
Inner size (mm) (H*W*D)	500x400x320	580x450x380	800x500x380	1000x550x450
Interior Volume (L)	70	100	150	250
Overall dimension (mm) (H*W*D)	1020x540x570	1100x590x620	1350x640x660	1550x690x660
Power (KW)	0.35	0.35	0.45	0.7
Temp range (°C)	0~65	0~65	0~65	0~65



Hot Air Oven
SKU: BOHA-309



Hot Air Oven
SKU: BOHA-310



Hot Air Oven
SKU: BOHA-311



Hot Air Oven
SKU: BOHA-312

Hot Air Oven Series 300

Specification	Hot Air Oven SKU: BOHA-327
Temperature Control Range	RT+5°C~70°C
Timing Range	1min~99h59min
Temperature Control Accuracy	≤ ±0.5°C
Display Accuracy	0.1°C
Heating Speed	≤ 25 min



Hot Air Oven
SKU: BOHA-327

INFANT INCUBATOR

OVERVIEW

Infant incubators create a controlled environment for neonatal care with both air-chamber and water-tank heaters. Units run from standard 110/220 V supplies, feature adjustable height cabinets around 950 × 645 mm, and include auxiliary power outlets for additional monitoring equipment.

Highlights

- Controlled heating
- Adjustable height
- Separate air and water heaters
- Auxiliary power outlets

For Detailed Technical Info & Accessories

Scan to view detailed technical information & accessories, or visit the link below.

CATALOG LINK

https://biolabscientific.com/content/catalogs/2419-Catalog-Biolab.pdf

Infant Incubator Series 100

Specification	Infant Incubator SKU: BIIC-801	Infant Incubator SKU: BIIC-802
Power Supply	AC220V, 50/60Hz (Standard) 1320VA; AC110V, 60Hz (Optional)	AC220V, 50/60Hz (Standard) 1320VA; AC110V, 60Hz (Optional)
Size(L*W*H)	950*645*(1250~1450)mm	950*645*(1250~1450)mm
Maximum Heater Output Power(220VAC)	Air Chamber Heater: 330W; Water Tank Heater: 155W	Air Chamber Heater: 330W; Water Tank Heater: 155W
Auxiliary Network Power Output	AC220V/50Hz, both maximum permissible currents are 220V 1.5A	AC220V/50Hz, both maximum permissible currents are 220V 1.5A
Heater Indication	0~100%, 10% increasing amount	0~100%, 10% increasing amount



Infant Incubator
SKU: BIIC-801



Infant Incubator
SKU: BIIC-802

OVEN / INCUBATOR

NATURAL CONVECTION INCUBATOR

OVERVIEW

These natural convection incubators provide gentle, uniform heating for routine incubation. PID microprocessor control ensures accurate temperature management, while corrosion-resistant stainless interiors and adjustable shelves accommodate various sample volumes. Built-in safety alarms and optional programming enhance reliability.

Highlights

- Natural air heating
- PID microprocessor control
- Stainless steel interior
- Safety alarms

For Detailed Technical Info & Accessories

Scan to view detailed technical information & accessories, or visit the link below.

CATALOG LINK

https://biolabscientific.com/content/catalogs/2421-Catalog-Biolab.pdf

Natural Convection Incubator Series 100

TABLE 1 OF 2

Specification	Natural Convection Incubator SKU: BIGP-6201	Natural Convection Incubator SKU: BIGP-6202	Natural Convection Incubator SKU: BIGP-6203	Natural Convection Incubator SKU: BIGP-6204	Natural Convection Incubator SKU: BIGP-6301
Type	Touch screen	Touch screen	Touch screen	Touch screen	LCD Controller
Capacity (L)	34L	54L	124L	222L	34L
Temp Range	RT+5 - 80°C	RT+5 - 80°C	RT+5 - 80°C	RT+5 - 80°C	RT+5 - 80°C
Stability	±0.2°C	±0.2°C	±0.2°C	±0.2°C	±0.2°C
Uniformity (at 37°C)	±0.8°C	±0.8°C	±0.8°C	±0.8°C	±0.8°C



Natural Convection Incubator
SKU: BIGP-6201



Natural Convection Incubator
SKU: BIGP-6202



Natural Convection Incubator
SKU: BIGP-6203



Natural Convection Incubator
SKU: BIGP-6204



Natural Convection Incubator
SKU: BIGP-6301

Natural Convection Incubator Series 100

TABLE 2 OF 2

Specification	Natural Convection Incubator SKU: BIGP-6302	Natural Convection Incubator SKU: BIGP-6303	Natural Convection Incubator SKU: BIGP-6304
Type	LCD Controller	LCD Controller	LCD Controller
Capacity (L)	54L	124L	222L
Temp Range	RT+5 - 80°C	RT+5 - 80°C	RT+5 - 80°C
Stability	±0.2°C	±0.2°C	±0.2°C
Uniformity (at 37°C)	±0.8°C	±0.8°C	±0.8°C



Natural Convection Incubator
SKU: BIGP-6302



Natural Convection Incubator
SKU: BIGP-6303



Natural Convection Incubator
SKU: BIGP-6304

Natural Convection Incubator Series 100

Specification	Natural Convection Incubator SKU: BINC-7801	Natural Convection Incubator SKU: BINC-7802	Natural Convection Incubator SKU: BINC-7803	Natural Convection Incubator SKU: BINC-7804	Natural Convection Incubator SKU: BINC-7805
Electrical Requirement	220V 50Hz	220V 50Hz	220V 50Hz	220V 50Hz	220V 50Hz
Temperature Range	Amb+5~65°C	Amb+5~65°C	Amb+5~65°C	Amb+5~65°C	Amb+5~65°C
Display Resolution	0.1°C	0.1°C	0.1°C	0.1°C	0.1°C
Ambient Temperature	+5~35°C	+5~35°C	+5~35°C	+5~35°C	+5~35°C
Power Consumption	85W	125W	250W	550W	900W



Natural Convection Incubator
SKU: BINC-7801



Natural Convection Incubator
SKU: BINC-7802



Natural Convection Incubator
SKU: BINC-7803



Natural Convection Incubator
SKU: BINC-7804



Natural Convection Incubator
SKU: BINC-7805

OVEN / INCUBATOR

NATURAL CONVECTION OVEN

OVERVIEW

Natural convection ovens offer stable, uniform heating for drying and baking tasks. Their microprocessor PID controllers with digital displays provide precise temperature control and timers. Rock wool insulation and nickel-chromium heaters improve efficiency, and over-temperature alarms enhance safety.

Highlights

- Uniform heating
- Digital PID control
- Rock wool insulation
- Safety alarms

For Detailed Technical Info & Accessories

Scan to view detailed technical information & accessories, or visit the link below.

CATALOG LINK

https://biolabscientific.com/content/catalogs/2415-Catalog-Biolab.pdf

Natural Convection Oven Series 100

TABLE 1 OF 5

Specification	Natural Convection Oven SKU: BER-204	Natural Convection Oven SKU: BER-209	Natural Convection Oven SKU: BER-309	Natural Convection Oven SKU: BER-310	Natural Convection Oven SKU: BER-311
Cycle Mode	Natural convection	Natural convection	Natural convection	Natural convection	Natural convection
--Temp. Range	RT+10-300°C	RT+10-300°C	RT+10-250°C	RT+10-250°C	RT+10-250°C
--Temp. Resolution Ratio	0.1°C	0.1°C	0.1°C	0.1°C	0.1°C
--Temp. Motion	±1°C	±1°C	±1°C	±1°C	±1°C
--Temp. Uniformity	±3.5%	±3.5%	±3.5%	±3.5%	±3.5%



Natural Convection Oven
SKU: BER-204



Natural Convection Oven
SKU: BER-209



Natural Convection Oven
SKU: BER-309



Natural Convection Oven
SKU: BER-310



Natural Convection Oven
SKU: BER-311

Natural Convection Oven Series 100

TABLE 2 OF 5

Specification	Natural Convection Oven SKU: BER-312	Natural Convection Oven SKU: BER-313	Natural Convection Oven SKU: BER-314	Natural Convection Oven SKU: BER-315	Natural Convection Oven SKU: BER-316
Cycle Mode	Natural convection	Natural convection	Natural convection	Natural convection	Natural convection
--Temp. Range	RT+10-250°C	RT+10-250°C	RT+10-250°C	RT+10-250°C	RT+10-250°C
--Temp. Resolution Ratio	0.1°C	0.1°C	0.1°C	0.1°C	0.1°C
--Temp. Motion	±1°C	±1°C	±1°C	±1°C	±1°C
--Temp. Uniformity	±3.5%	±3.5%	±3.5%	±3.5%	±3.5%



Natural Convection Oven
SKU: BER-312



Natural Convection Oven
SKU: BER-313



Natural Convection Oven
SKU: BER-314



Natural Convection Oven
SKU: BER-315



Natural Convection Oven
SKU: BER-316

Natural Convection Oven Series 100

TABLE 3 OF 5

Specification	Natural Convection Oven SKU: BER-1201	Natural Convection Oven SKU: BER-1202	Natural Convection Oven SKU: BER-1203	Natural Convection Oven SKU: BER-1204	Natural Convection Oven SKU: BONC-201
Cycle Mode	Natural Convection	Natural Convection	Natural Convection	Natural Convection	Natural convection
--Temp. Range	RT+10-300°C	RT+10-300°C	RT+5-65°C	RT+5-65°C	RT+10-300°C
--Temp. Resolution Ratio	0.1°C	0.1°C	0.1°C	0.1°C	0.1°C
--Temp. Motion	±1°C	±1°C	±0.5°C	±0.5°C	±1°C
--Temp. Uniformity	±3.5%	±3.5%	±2.0%	±2.0%	±3.5%



Natural Convection Oven
SKU: BER-1201



Natural Convection Oven
SKU: BER-1202



Natural Convection Oven
SKU: BER-1203



Natural Convection Oven
SKU: BER-1204



Natural Convection Oven
SKU: BONC-201

Natural Convection Oven Series 100

TABLE 4 OF 5

Specification	Natural Convection Oven SKU: BONC-202	Natural Convection Oven SKU: BONC-203	Natural Convection Oven SKU: BONC-204	Natural Convection Oven SKU: BONC-301	Natural Convection Oven SKU: BONC-302
Cycle Mode	Natural convection	Natural convection	Natural convection	Natural convection	Natural convection
--Temp. Range	RT+10-300°C	RT+10-300°C	RT+10-300°C	RT+10-300°C	RT+10-300°C
--Temp. Resolution Ratio	0.1°C	0.1°C	0.1°C	0.1°C	0.1°C
--Temp. Motion	±1°C	±1°C	±1°C	±1°C	±1°C
--Temp. Uniformity	±3.5%	±3.5%	±3.5%	±3.5%	±3.5%



Natural Convection Oven
SKU: BONC-202



Natural Convection Oven
SKU: BONC-203



Natural Convection Oven
SKU: BONC-204



Natural Convection Oven
SKU: BONC-301



Natural Convection Oven
SKU: BONC-302

Natural Convection Oven Series 100

TABLE 5 OF 5

Specification	Natural Convection Oven SKU: BONC-303	Natural Convection Oven SKU: BONC-304
Cycle Mode	Natural convection	Natural convection
--Temp. Range	RT+10-300°C	RT+10-300°C
--Temp. Resolution Ratio	0.1°C	0.1°C
--Temp. Motion	±1°C	±1°C
--Temp. Uniformity	±3.5%	±3.5%



Natural Convection Oven
SKU: BONC-303



Natural Convection Oven
SKU: BONC-304

Natural Convection Oven Series 200

Specification	Natural Convection Oven SKU: BONC-305	Natural Convection Oven SKU: BONC-306	Natural Convection Oven SKU: BONC-307
Temperature (°C)	15-35	15-35	15-35
Accuracy (°C)	±0.1	±0.1	±0.1
Timer (min)	0-999	0-999	0-999
Variation (%)	±0.5	±0.5	±0.5
Power (kW)	0.5	0.8	1.35



Natural Convection Oven
SKU: BONC-305



Natural Convection Oven
SKU: BONC-306



Natural Convection Oven
SKU: BONC-307

Natural Convection Oven Series 200

Specification	Natural Convection Oven SKU: BONC-308	Natural Convection Oven SKU: BONC-310
Internal dimension/capacity (HxWxD) mm / liter	300x275x280	415x370x345
External dimension (HxWxD) mm	450x635x465	570x750x515
Package dimension (HxWxD) mm	570x720x545	690x830x600
Voltage (V)	220	220
Power (W)	900	1000



Natural Convection Oven
SKU: BONC-308



Natural Convection Oven
SKU: BONC-310

Natural Convection Oven Series 200

Specification	Natural Convection Oven SKU: BONC-309	Natural Convection Oven SKU: BONC-311
Voltage (V)	110/220	110/220
Temp. range (°C)	50~200	50~200
Timer	0~999 min/H	0~999 min/H
Accuracy (°C)	±0.5	±0.5
Vacuum (Pa)	Absolute pressure 0~999.9 mbar or 0~99.99 kPa; standard atmospheric pressure	Absolute pressure 0~999.9 mbar or 0~99.99 kPa; standard atmospheric pressure



Natural Convection Oven
SKU: BONC-309



Natural Convection Oven
SKU: BONC-311

Natural Convection Oven Series 300

Specification	Natural Convection Oven SKU: BONC-101	Natural Convection Oven SKU: BONC-102	Natural Convection Oven SKU: BONC-103	Natural Convection Oven SKU: BONC-104	Natural Convection Oven SKU: BONC-105
Electrical Requirement	AC220V 50HZ	AC220V 50HZ	AC220V 50HZ	AC220V 50HZ	AC220V 50HZ
Temperature Range	RT+10 ~ 200°C	RT+10 ~ 200°C	RT+10 ~ 200°C	RT+10 ~ 200°C	RT+10 ~ 200°C
Display Resolution	0.1°C	0.1°C	0.1°C	0.1°C	0.1°C
Temperature Stability	±0.5°C	±0.5°C	±0.5°C	±0.5°C	±0.5°C
Ambient Temperature	+5 ~ 35°C	+5 ~ 35°C	+5 ~ 35°C	+5 ~ 35°C	+5 ~ 35°C



Natural Convection Oven
SKU: BONC-101



Natural Convection Oven
SKU: BONC-102



Natural Convection Oven
SKU: BONC-103



Natural Convection Oven
SKU: BONC-104



Natural Convection Oven
SKU: BONC-105

Natural Convection Oven Series 300

TABLE 1 OF 2

Specification	Natural Convection Oven SKU: BONC-5601	Natural Convection Oven SKU: BONC-5602	Natural Convection Oven SKU: BONC-5603	Natural Convection Oven SKU: BONC-5604	Natural Convection Oven SKU: BONC-5701
Type	Touch screen	Touch screen	Touch screen	Touch screen	LCD Controller
Capacity (L)	34L	54L	124L	222L	34L
Temp Range	RT+10°C - 200°C (MAX 300°C)	RT+10°C - 200°C (MAX 300°C)	RT+10°C - 200°C (MAX 300°C)	RT+10°C - 200°C (MAX 300°C)	RT+10°C - 200°C (MAX 300°C)
Display Resolution	0.1°C	0.1°C	0.1°C	0.1°C	0.1°C
Uniformity at 100°C	±2.5°C	±2.5°C	±2.5°C	±2.5°C	±2.5°C



Natural Convection Oven
SKU: BONC-5601



Natural Convection Oven
SKU: BONC-5602



Natural Convection Oven
SKU: BONC-5603



Natural Convection Oven
SKU: BONC-5604



Natural Convection Oven
SKU: BONC-5701

Natural Convection Oven Series 300

TABLE 2 OF 2

Specification	Natural Convection Oven SKU: BONC-5702	Natural Convection Oven SKU: BONC-5703	Natural Convection Oven SKU: BONC-5704
Type	LCD Controller	LCD Controller	LCD Controller
Capacity (L)	54L	124L	222L
Temp Range	RT+10°C - 200°C (MAX 300°C)	RT+10°C - 200°C (MAX 300°C)	RT+10°C - 200°C (MAX 300°C)
Display Resolution	0.1°C	0.1°C	0.1°C
Uniformity at 100°C	±2.5°C	±2.5°C	±2.5°C



Natural Convection Oven
SKU: BONC-5702



Natural Convection Oven
SKU: BONC-5703



Natural Convection Oven
SKU: BONC-5704

PELTIER INCUBATOR

OVERVIEW

Peltier-cooled incubators use semiconductor cooling and forced convection to maintain stable conditions. Temperature ranges typically extend from room temperature minus 20 °C up to 65 °C with 0.1 °C resolution, making them suitable for precise incubation without compressors.

Highlights

- Semiconductor cooling
- Forced convection
- Wide temperature range
- 0.1 °C resolution

For Detailed Technical Info & Accessories

Scan to view detailed technical information & accessories, or visit the link below.

CATALOG LINK

https://biolabscientific.com/content/catalogs/2422-Catalog-Biolab.pdf

Peltier Incubator Series 100

Specification	Peltier Incubator SKU: BER-7801	Peltier Incubator SKU: BER-7802
Circulation Mode	Forced Convection	Forced Convection
--Temp Range	RT minus 20°C--65°C	RT minus 20°C--65°C
--Temp Resolution Ratio	0.1°C	0.1°C
--Temp Fluctuation	±0.5°C	±0.5°C
--Temperature distribution accuracy	±0.5°C(37°C)	±0.5°C(37°C)



Peltier Incubator
SKU: BER-7801



Peltier Incubator
SKU: BER-7802

PLATELET INCUBATOR

OVERVIEW

Platelet incubators provide controlled agitation and temperature for storing platelet concentrates. Models maintain 20–24 °C with ambient operating range 10–32 °C and offer capacities of about 108 L to 158 L, ensuring reliable platelet preservation.

Highlights

- Stable 20–24 °C control
- Gentle agitation
- 108–158 L capacity range
- Platelet storage reliability

For Detailed Technical Info & Accessories

Scan to view detailed technical information & accessories, or visit the link below.

CATALOG LINK

https://biolabscientific.com/content/catalogs/2420-Catalog-Biolab.pdf

Platelet Incubator Series 100

Specification	Platelet Incubator SKU: BINC-701	Platelet Incubator SKU: BINC-702
Temperature Range	20 ~ 24°C	20 ~ 24°C
Ambient Temperature	10~32°C	10~32°C
Capacity (L / Cu. Ft.)	108 / 3.81	158 / 5.58
Interior Dimensions (WxDxH) mm	427x360x467	432x462x728
Exterior Dimensions (WxDxH) mm	522x600x1035	522x600x1285



Platelet Incubator
SKU: BINC-701



Platelet Incubator
SKU: BINC-702

VACUUM OVEN

OVERVIEW

Vacuum ovens deliver controlled low-pressure drying using four-wall heat conduction. Typical models offer temperature ranges from about RT-10 to 200 °C or up to 250 °C and maintain vacuum levels below 133 Pa, with LED controllers and various power ratings for different applications.

Highlights

- Low-pressure drying
- Wide temperature range
- Four-wall heating
- LED control display

For Detailed Technical Info & Accessories

Scan to view detailed technical information & accessories, or visit the link below.

CATALOG LINK

https://biolabscientific.com/content/catalogs/2416-Catalog-Biolab.pdf

Vacuum Oven Series 100

TABLE 1 OF 3

Specification	Vacuum Oven SKU: BER-804	Vacuum Oven SKU: BER-901	Vacuum Oven SKU: BER-902	Vacuum Oven SKU: BER-903	Vacuum Oven SKU: BER-904
Heating Mode	Four walls heat conduction and decompression	Four walls heat conduction and decompression	Four walls heat conduction and decompression	Four walls heat conduction and decompression	Four walls heat conduction and decompression
--Temp. Range	RT+10-250°C	RT+10-250°C	RT+10-250°C	RT+10-250°C	RT+10-250°C
--Temp. Resolution Ratio	0.1°C	0.1°C	0.1°C	0.1°C	0.1°C
--Temp. Motion	±1°C	±1°C	±1°C	±1°C	±1°C
--Heating -Up Time	120min	80min	100min	120min	120min



Vacuum Oven
SKU: BER-804



Vacuum Oven
SKU: BER-901



Vacuum Oven
SKU: BER-902



Vacuum Oven
SKU: BER-903



Vacuum Oven
SKU: BER-904

Vacuum Oven Series 100

TABLE 2 OF 3

Specification	Vacuum Oven SKU: BER-1001	Vacuum Oven SKU: BER-1002	Vacuum Oven SKU: BER-1003	Vacuum Oven SKU: BER-1004	Vacuum Oven SKU: BER-1005
Heating Mode	Sheft direct heating	Sheft direct heating	Sheft direct heating	Sheft direct heating	Sheft direct heating
--Temp. Range	RT+10-250°C	RT+10-250°C	RT+10-250°C	RT+10-250°C	RT+10-250°C
--Temp. Resolution Ratio	0.1°C	0.1°C	0.1°C	0.1°C	0.1°C
--Temp. Motion	±1°C	±1°C	±1°C	±1°C	±1°C
--Heating -Up Time	≤40 minutes	≤40 minutes	≤40 minutes	≤40 minutes	≤40 minutes



Vacuum Oven
SKU: BER-1001



Vacuum Oven
SKU: BER-1002



Vacuum Oven
SKU: BER-1003



Vacuum Oven
SKU: BER-1004



Vacuum Oven
SKU: BER-1005

Vacuum Oven Series 100

TABLE 3 OF 3

Specification	Vacuum Oven SKU: BER-1006	Vacuum Oven SKU: BOVA-301	Vacuum Oven SKU: BOVA-302	Vacuum Oven SKU: BOVA-303
Heating Mode	Sheft direct heating	Four walls heat conduction and decompression	Four walls heat conduction and decompression	Four walls heat conduction and decompression
--Temp. Range	RT+10-250°C	RT+10-250°C	RT+10-250°C	RT+10-250°C
--Temp. Resolution Ratio	0.1°C	0.1°C	0.1°C	0.1°C
--Temp. Motion	±1°C	±1°C	±1°C	±1°C
--Heating -Up Time	≤40 minutes	80min	100min	120min



Vacuum Oven
SKU: BER-1006



Vacuum Oven
SKU: BOVA-301



Vacuum Oven
SKU: BOVA-302



Vacuum Oven
SKU: BOVA-303

Vacuum Oven Series 200

Specification	Vacuum Oven SKU: BOVA-101	Vacuum Oven SKU: BOVA-102	Vacuum Oven SKU: BOVA-201	Vacuum Oven SKU: BOVA-202
Control System	10-segment programmable microcomputer PID intelligent automatic control system	10-segment programmable microcomputer PID intelligent automatic control system	10-segment programmable microcomputer PID intelligent automatic control system	10-segment programmable microcomputer PID intelligent automatic control system
Vacuum Degree display	Pointer display	Pointer display	Digital display	Digital display
Vacuum degree control	Manual control	Manual control	Electronic automatic control	Electronic automatic control
Temp. Range (°C)	RT+5°C~250°C	RT+5°C~250°C	RT+5°C~250°C	RT+5°C~250°C
Temperature resolution (°C)	±0.1	±0.1	±0.1	±0.1



Vacuum Oven
SKU: BOVA-101



Vacuum Oven
SKU: BOVA-102



Vacuum Oven
SKU: BOVA-201



Vacuum Oven
SKU: BOVA-202

Vacuum Oven Series 300

TABLE 1 OF 8

Specification	Vacuum Oven SKU: BGI-1101	Vacuum Oven SKU: BGI-1102	Vacuum Oven SKU: BGI-1103	Vacuum Oven SKU: BGI-1104	Vacuum Oven SKU: BOVA-7201
Electrical Requirement	AC220V 50HZ	AC220V 50HZ	AC220V 50HZ	AC220V 50HZ	AC220V 50HZ
Controller	Controller	Controller	Controller	Controller	LED display
Power Consumption	2200W	3350W	3550W	3100W	400W
Temperature Range	RT+10 ~ 200°C	RT+10 ~ 200°C	RT+10 ~ 200°C	RT+10 ~ 200°C	RT-10~200°C
Display Resolution	0.1	0.1	0.1	0.1	0.1



Vacuum Oven
SKU: BGI-1101



Vacuum Oven
SKU: BGI-1102



Vacuum Oven
SKU: BGI-1103



Vacuum Oven
SKU: BGI-1104



Vacuum Oven
SKU: BOVA-7201

Vacuum Oven Series 300

TABLE 2 OF 8

Specification	Vacuum Oven SKU: BOVA-7202	Vacuum Oven SKU: BOVA-7203	Vacuum Oven SKU: BOVA-7204	Vacuum Oven SKU: BOVA-7205	Vacuum Oven SKU: BOVA-7206
Electrical Requirement	AC220V 50HZ	AC220V 50HZ	AC220V 50HZ	AC220V 50HZ	AC220V 50HZ
Controller	LED display	LED display	LED display	LED display	LED display
Power Consumption	400W	700W	700W	1450W	1450W
Temperature Range	RT-10~200°C	RT-10~200°C	RT-10~200°C	RT-10~200°C	RT-10~200°C
Display Resolution	0.1	0.1	0.1	0.1	0.1



Vacuum Oven
SKU: BOVA-7202



Vacuum Oven
SKU: BOVA-7203



Vacuum Oven
SKU: BOVA-7204



Vacuum Oven
SKU: BOVA-7205



Vacuum Oven
SKU: BOVA-7206

Vacuum Oven Series 300

TABLE 3 OF 8

Specification	Vacuum Oven SKU: BOVA-7207	Vacuum Oven SKU: BOVA-7208	Vacuum Oven SKU: BOVA-7209	Vacuum Oven SKU: BOVA-7210	Vacuum Oven SKU: BOVA-7211
Electrical Requirement	AC220V 50HZ	AC220V 50HZ	AC220V 50HZ	AC220V 50HZ	AC220V 50HZ
Controller	LED display	LED display	LED display	LED display	LED display
Power Consumption	1450W	1450W	850W	850W	850W
Temperature Range	RT-10~200°C	RT-10~200°C	RT-10~200°C	RT-10~200°C	RT-10~200°C
Display Resolution	0.1	0.1	0.1	0.1	0.1



Vacuum Oven
SKU: BOVA-7207



Vacuum Oven
SKU: BOVA-7208



Vacuum Oven
SKU: BOVA-7209



Vacuum Oven
SKU: BOVA-7210



Vacuum Oven
SKU: BOVA-7211

Vacuum Oven Series 300

TABLE 4 OF 8

Specification	Vacuum Oven SKU: BOVA-7212	Vacuum Oven SKU: BOVA-7213	Vacuum Oven SKU: BOVA-7214	Vacuum Oven SKU: BOVA-7215	Vacuum Oven SKU: BOVA-7216
Electrical Requirement	AC220V 50HZ	AC220V 50HZ	AC220V 50HZ	AC220V 50HZ	AC220V 50HZ
Controller	LED display	LED display	LED display	LED display	LED display
Power Consumption	870W	1950W	1950W	1500W	2300W
Temperature Range	RT-10~200°C	RT-10~200°C	RT-10~200°C	RT-10~200°C	RT-10~200°C
Display Resolution	0.1	0.1	0.1	0.1	0.1



Vacuum Oven
SKU: BOVA-7212



Vacuum Oven
SKU: BOVA-7213



Vacuum Oven
SKU: BOVA-7214



Vacuum Oven
SKU: BOVA-7215



Vacuum Oven
SKU: BOVA-7216

Vacuum Oven Series 300

TABLE 5 OF 8

Specification	Vacuum Oven SKU: BOVA-7217	Vacuum Oven SKU: BOVA-7218	Vacuum Oven SKU: BOVA-7219	Vacuum Oven SKU: BOVA-7220	Vacuum Oven SKU: BOVA-7221
Electrical Requirement	AC220V 50HZ	AC220V 50HZ	AC220V 50HZ	AC220V 50HZ	AC220V 50HZ
Controller	LED display	LED display	LED display	LED display	LED display
Power Consumption	1550W	2850W	300W	650W	650W
Temperature Range	RT-10~200°C	RT-10~200°C	RT-10~65°C	RT-10~65°C	RT-10~65°C
Display Resolution	0.1	0.1	0.1	0.1	0.1



Vacuum Oven
SKU: BOVA-7217



Vacuum Oven
SKU: BOVA-7218



Vacuum Oven
SKU: BOVA-7219



Vacuum Oven
SKU: BOVA-7220



Vacuum Oven
SKU: BOVA-7221

Vacuum Oven Series 300

TABLE 6 OF 8

Specification	Vacuum Oven SKU: BOVA-7301	Vacuum Oven SKU: BOVA-7302	Vacuum Oven SKU: BOVA-7303	Vacuum Oven SKU: BOVA-7304	Vacuum Oven SKU: BOVA-7305
Electrical Requirement	AC380V 50HZ	AC380V 50HZ	AC220V 50HZ	AC220V 50HZ	AC220V 50HZ
Controller	LED display	LED display	LED display	LED display	LED display
Power Consumption	5800W	3800W	2100W	3400W	1350W
Temperature Range	RT+10 ~ 200°C	RT+10 ~ 200°C	RT+10 ~ 200°C	RT+10 ~ 200°C	RT+10 ~ 200°C
Display Resolution	0.1	0.1	0.1	0.1	0.1



Vacuum Oven
SKU: BOVA-7301



Vacuum Oven
SKU: BOVA-7302



Vacuum Oven
SKU: BOVA-7303



Vacuum Oven
SKU: BOVA-7304



Vacuum Oven
SKU: BOVA-7305

Vacuum Oven Series 300

TABLE 7 OF 8

Specification	Vacuum Oven SKU: BOVA-7306	Vacuum Oven SKU: BOVA-7401	Vacuum Oven SKU: BOVA-7402	Vacuum Oven SKU: BOVA-7403	Vacuum Oven SKU: BOVA-7404
Electrical Requirement	AC220V 50HZ	AC380V 50HZ	AC380V 50HZ	AC220V 50HZ	AC220V 50HZ
Controller	LED display	LCD Programmability controller	LCD Programmability controller	LCD Programmability controller	LCD Programmability controller
Power Consumption	2400W	5600W	3800W	2100W	2050W
Temperature Range	RT+10 ~ 200°C	RT+10 ~ 200°C	RT+10 ~ 200°C	RT+10 ~ 200°C	RT+10 ~ 200°C
Display Resolution	0.1	0.1	0.1	0.1	0.1



Vacuum Oven
SKU: BOVA-7306



Vacuum Oven
SKU: BOVA-7401



Vacuum Oven
SKU: BOVA-7402



Vacuum Oven
SKU: BOVA-7403



Vacuum Oven
SKU: BOVA-7404

Vacuum Oven Series 300

TABLE 8 OF 8

Specification	Vacuum Oven SKU: BOVA-7405	Vacuum Oven SKU: BOVA-7406
Electrical Requirement	AC220V 50HZ	AC220V 50HZ
Controller	LCD Programmability controller	LCD Programmability controller
Power Consumption	1800W	1200W
Temperature Range	RT+10 ~ 200°C	RT+10 ~ 200°C
Display Resolution	0.1	0.1



Vacuum Oven
SKU: BOVA-7405



Vacuum Oven
SKU: BOVA-7406

Vacuum Oven Series 300

TABLE 1 OF 2

Specification	Vacuum Oven SKU: BOVA-5801	Vacuum Oven SKU: BOVA-5802	Vacuum Oven SKU: BOVA-5803	Vacuum Oven SKU: BOVA-5804	Vacuum Oven SKU: BOVA-5805
Type	Touch screen	Touch screen	Touch screen	Touch screen	Touch screen
Capacity (L)	24L	51L	91L	125L	216L
Temp Range	RT+10°C - 200°C	RT+10°C - 200°C	RT+10°C - 200°C	RT+10°C - 200°C	RT+10°C - 200°C
Temperature Accuracy	±1°C	±1°C	±1°C	±1°C	±1°C
Display Resolution	0.1°C	0.1°C	0.1°C	0.1°C	0.1°C



Vacuum Oven
SKU: BOVA-5801



Vacuum Oven
SKU: BOVA-5802



Vacuum Oven
SKU: BOVA-5803



Vacuum Oven
SKU: BOVA-5804



Vacuum Oven
SKU: BOVA-5805

Vacuum Oven Series 300

TABLE 2 OF 2

Specification	Vacuum Oven SKU: BOVA-5901	Vacuum Oven SKU: BOVA-5902	Vacuum Oven SKU: BOVA-5903	Vacuum Oven SKU: BOVA-5904	Vacuum Oven SKU: BOVA-5905
Type	LCD Controller	LCD Controller	LCD Controller	LCD Controller	LCD Controller
Capacity (L)	24L	51L	91L	125L	216L
Temp Range	RT+10°C - 200°C	RT+10°C - 200°C	RT+10°C - 200°C	RT+10°C - 200°C	RT+10°C - 200°C
Temperature Accuracy	±1°C	±1°C	±1°C	±1°C	±1°C
Display Resolution	0.1°C	0.1°C	0.1°C	0.1°C	0.1°C



Vacuum Oven
SKU: BOVA-5901



Vacuum Oven
SKU: BOVA-5902



Vacuum Oven
SKU: BOVA-5903



Vacuum Oven
SKU: BOVA-5904



Vacuum Oven
SKU: BOVA-5905

Vacuum Oven Series 300

TABLE 1 OF 2

Specification	Vacuum Oven SKU: BOVA-7501	Vacuum Oven SKU: BOVA-7502	Vacuum Oven SKU: BOVA-7503	Vacuum Oven SKU: BOVA-7504	Vacuum Oven SKU: BOVA-7505
Electrical Requirement	AC380V 50HZ	AC380V 50HZ	AC220V 50HZ	AC220V 50HZ	AC220V 50HZ
Temperature Range	RT+10~200°C	RT+10~200°C	RT+10~200°C	RT+10~200°C	RT+10~200°C
Display Resolution	0.1°C	0.1°C	0.1°C	0.1°C	0.1°C
Temperature Stability	±1°C	±1°C	±1°C	±1°C	±1°C
Vacuum Gauge	Digital Display	Digital Display	Digital Display	Digital Display	Digital Display



Vacuum Oven
SKU: BOVA-7501



Vacuum Oven
SKU: BOVA-7502



Vacuum Oven
SKU: BOVA-7503



Vacuum Oven
SKU: BOVA-7504



Vacuum Oven
SKU: BOVA-7505

Vacuum Oven Series 300

TABLE 2 OF 2

Specification	Vacuum Oven SKU: BOVA-7506	Vacuum Oven SKU: BOVA-7507
Electrical Requirement	AC220V 50HZ	AC220V 50HZ
Temperature Range	RT+10~200°C	RT+10~200°C
Display Resolution	0.1°C	0.1°C
Temperature Stability	±1°C	±1°C
Vacuum Gauge	Digital Display	Digital Display



Vacuum Oven
SKU: BOVA-7506



Vacuum Oven
SKU: BOVA-7507

PARAFFIN TRIMMER

OVERVIEW

Compact paraffin trimming units designed for removing excess wax from tissue blocks. Digital controls with power switch and temperature setting provide an adjustable range from ambient to around 110°C and suggested working temperatures of 80–90°C for reliable trimming.

Highlights

- Digital temperature display
- Adjustable heat range
- 230×160 mm work area
- Moderate power consumption

For Detailed Technical Info & Accessories

Scan to view detailed technical information & accessories, or visit the link below.

CATALOG LINK

https://biolabscientific.com/content/catalogs/4601-Catalog-Biolab.pdf

Paraffin Trimmer Series 100

Specification	Paraffin Trimmer SKU: BHTP-605
Power Switch & Display	Flip the Power Switch to ON, digital display shows current temperature
Temperature Setting	SET Key to switch to temperature mode, adjust with side buttons, confirm with SET Key
Suggested Operating Temperature	80-90°C (Do not exceed 100°C)
Temperature Control Range	Ambient temperature ~ 110°C
Heating Indicator	Red LED Light indicates heating



Paraffin Trimmer
SKU: BHTP-605

Paraffin Trimmer Series 200

Specification	Paraffin Trimmer SKU: BPTR-101
Temperature Range	Continuously adjustable within room temperature ~ 90°C
Working Area	230x160 mm
Working Voltage	AC 220V±10% 50Hz (standard model); AC110V±10% 60Hz
Power	150 W
Dimensions (LxWxH)	255x180x155 mm



Paraffin Trimmer
SKU: BPTR-101

PCR

GRADIENT PCR THERMAL CYCLER

OVERVIEW

Gradient PCR thermal cyclers use semiconductor technology for uniform temperature control across 96- or 384-well blocks. They offer gradient ranges from 30 °C to 99.9 °C, heating rates around 4.5 °C/s and a 5-inch touch screen with storage for user programs and data.

Highlights

- Gradient temperature control
- 5-inch touch screen
- Fast heating rates
- Large program storage

For Detailed Technical Info & Accessories

Scan to view detailed technical information & accessories, or visit the link below.

CATALOG LINK

https://biolabscientific.com/content/catalogs/4701-Catalog-Biolab.pdf

Gradient PCR Thermal Cycler Series 100

Specification	Gradient PCR Thermal Cycler SKU: BHTC-501
Temp. range	4~99.9°C
Sample capacity	96x0.2ml
Max. heating rate	4.5°C/s
Max. Cooling rate	4°C/s
Temp. uniformity	±0.25°C



Gradient PCR Thermal Cycler
SKU: BHTC-501

Gradient PCR Thermal Cycler Series 100

Specification	Gradient PCR Thermal Cycler SKU: BTHC-601	Gradient PCR Thermal Cycler SKU: BTHC-602
Single step time	1~59m59s (0 is forever)	1~59m59s (0 is forever)
Temp. range	4~99.9°C (constant temp.: 4°C)	4~99.9°C (constant temp.: 4°C)
Sample capacity	96x0.2ml / 384x0.04ml	96x0.2ml / 384x0.04ml
Max. heating rate	4.5°C/s	4.5°C/s
Max. cooling rate	4°C/s	4°C/s



Gradient PCR Thermal Cycler
SKU: BTHC-601



Gradient PCR Thermal Cycler
SKU: BTHC-602

Gradient PCR Thermal Cycler Series 200

Specification	Gradient PCR Thermal Cycler SKU: BFJ-1201	Gradient PCR Thermal Cycler SKU: BFJ-1202	Gradient PCR Thermal Cycler SKU: BFJ-1203
Capacity	3x32x0.2ml	3(16x2x0.2ml)	3x32x0.2ml
Formats	0.2ml tube, 8 strips	0.2ml tube, 8 strips	0.2ml tube, 8 strips
Reaction Volume	5-120µl	5-100µl	5-120µl
Temperature Range	0-105°C	0-105°C	0-105°C
MAX. Ramp Rate	6°C/s	7.5°C/s	9.5°C/s



Gradient PCR Thermal Cycler
SKU: BFJ-1201



Gradient PCR Thermal Cycler
SKU: BFJ-1202



Gradient PCR Thermal Cycler
SKU: BFJ-1203

Gradient PCR Thermal Cycler Series 200

TABLE 1 OF 2

Specification	Gradient PCR Thermal Cycler SKU: BFJ-1301	Gradient PCR Thermal Cycler SKU: BFJ-1302	Gradient PCR Thermal Cycler SKU: BFJ-1303	Gradient PCR Thermal Cycler SKU: BFJ-1304	Gradient PCR Thermal Cycler SKU: BFJ-1401
Capacity	64x0.2ml (A Block) +32x0.2ml (B Block)	64x0.2ml (A Block) +32x0.2ml (B Block)	64x0.2ml (A Block) +32x0.2ml (B Block)	64x0.2ml (A Block) +32x0.2ml (B Block)	96x0.2ml
Formats	0.2ml tube, 0.2ml 8 strips	0.2ml tube, 0.2ml 8 strips	0.2ml tube, 0.2ml 8 strips	0.2ml tube, 0.2ml 8 strips	0.2ml tube, 8 strips, 12 strips, Half skirt 96 wells plate, No skirt 96 wells plate
Reaction Volume	5-120µl	5-120µl	5-120µl	5-120µl	5-100µl
Temperature Range	0-105°C	0-105°C	0-105°C	0-105°C	0-105°C
MAX Ramp Rate	6°C/s	6°C/s	9.5°C/s	9.5°C/s	6°C/s



Gradient PCR Thermal Cycler
SKU: BFJ-1301



Gradient PCR Thermal Cycler
SKU: BFJ-1302



Gradient PCR Thermal Cycler
SKU: BFJ-1303



Gradient PCR Thermal Cycler
SKU: BFJ-1304



Gradient PCR Thermal Cycler
SKU: BFJ-1401

Gradient PCR Thermal Cycler Series 200

TABLE 2 OF 2

Specification	Gradient PCR Thermal Cycler SKU: BFJ-1402	Gradient PCR Thermal Cycler SKU: BFJ-1403	Gradient PCR Thermal Cycler SKU: BFJ-1404	Gradient PCR Thermal Cycler SKU: BFJ-1405	Gradient PCR Thermal Cycler SKU: BFJ-1406
Capacity	96x0.2ml	384 well	6x16x0.2ml	96x0.2ml	96x0.2ml
Formats	0.2ml tube, 8 strips, 12 strips, 96 wells plate	384 PCR microplate	0.2ml tube, 8 strips, 12 strips, Half skirt 96 wells plate, No skirt 96 wells plate	0.2ml tube, 8 strips, 12 strips, Half skirt 96 wells plate, No skirt 96 wells plate	0.2ml tube, 8 strips, 12 strips, Half skirt 96 wells plate, No skirt 96 wells plate
Reaction Volume	5-100µl	5-30µl	5-100µl	5-100µl	5-100µl
Temperature Range	0-105°C	0-105°C	0-105°C	0-105°C	0-105°C
MAX Ramp Rate	7°C/s	5°C/s	6°C/s	7°C/s	9.5°C/s



Gradient PCR Thermal Cycler
SKU: BFJ-1402



Gradient PCR Thermal Cycler
SKU: BFJ-1403



Gradient PCR Thermal Cycler
SKU: BFJ-1404



Gradient PCR Thermal Cycler
SKU: BFJ-1405



Gradient PCR Thermal Cycler
SKU: BFJ-1406

MINI-PCR

OVERVIEW

Mini PCR systems deliver portable thermal cycling for small-volume DNA amplification. Gradient models process 16–32 × 0.2 mL tubes, covering 4–99.9 °C with ramp rates up to 6 °C/s, while real-time units handle 8-well strips and use Peltier technology for precise, long-life temperature control.

Highlights

- Portable gradient thermocyclers
- 4–99.9 °C range
- Ramp rates up to 6 °C/s
- Real-time 8-well capability

For Detailed Technical Info & Accessories

Scan to view detailed technical information & accessories, or visit the link below.

CATALOG LINK

https://biolabscientific.com/content/catalogs/4702-Catalog-Biolab.pdf

Mini-PCR Series 100

Specification	Mini-PCR SKU: BHTC-502	Mini-PCR SKU: BTHC-603
Single step time range	1~59m59s (0 is forever)	1~59m59s (0 is forever)
Temp. range	4~99.9°C	4~99.9°C
Sample capacity	16x0.2ml	32x0.2ml
Max. heating rate	5°C/s	6°C/s
Max. cooling rate	4°C/s	5°C/s



Mini-PCR
SKU: BHTC-502



Mini-PCR
SKU: BTHC-603

Mini-PCR Series 200

Specification	Mini-PCR SKU: BFJ-1001	Mini-PCR SKU: BFJ-1002	Mini-PCR SKU: BFJ-1003	Mini-PCR SKU: BFJ-1101	Mini-PCR SKU: BFJ-1102
Sample Capacity	8x0.2ml (8 well)	8x0.2ml (8 well)	8x0.2ml (8 well)	8x0.2ml (8 well)	8x0.2ml (8 well)
Formats	Clear 0.2 ml PCR tube /8-tube strips	Clear 0.2 ml PCR tube /8-tube strips	Clear 0.2 ml PCR tube /8-tube strips	Clear 0.2 ml PCR tube /8-tube strips	Clear 0.2 ml PCR tube /8-tube strips
Reaction Volume	15-100µl	15-100µl	15-100µl	15-100µl	15-100µl
Temperature Control Technology	Marlow customized Peltier allow 1,000,000 cycles	Marlow customized Peltier allow 1,000,000 cycles	Marlow customized Peltier allow 1,000,000 cycles	Marlow customized Peltier allow 1,000,000 cycles	Marlow customized Peltier allow 1,000,000 cycles
Temperature Range	0-100°C	0-100°C	0-100°C	0-100°C	0-100°C



Mini-PCR
SKU: BFJ-1001



Mini-PCR
SKU: BFJ-1002



Mini-PCR
SKU: BFJ-1003



Mini-PCR
SKU: BFJ-1101



Mini-PCR
SKU: BFJ-1102

PLATE SEALER

OVERVIEW

Semi-automatic plate sealers provide controlled heat and pressure to seal microplates. They offer adjustable sealing temperatures from 80–200 °C with ±1 °C accuracy and user-settable sealing times for efficient sample sealing.

Highlights

- 80–200 °C range
- ±1 °C accuracy
- 0.5–10 s sealing
- Semi-automatic operation

For Detailed Technical Info & Accessories

Scan to view detailed technical information & accessories, or visit the link below.

CATALOG LINK

https://biolabscientific.com/content/catalogs/4705-Catalog-Biolab.pdf

Plate Sealer Series 100

Specification	Plate Sealer SKU: BPPS-101
Display	OLED
Sealing temperature	OFF, 80°C ~ 200°C (increment of 1.0°C)
Temperature accuracy	±1°C
Temperature uniformity	±1°C
Sealing time	0.5s~10s (increment of 0.1s)



Plate Sealer
SKU: BPPS-101

Plate Sealer Series 200

Specification	Plate Sealer SKU: BPPS-201
Temp. Range	80°C ~200°C, (increment: 1°C)
Temp. Display Accuracy	±1°C
Temp. Uniformity	±1°C
Sealing Time Range	0.5 ~10sec. (increment: 0.1sec)
Sealing Pressure Range	1 ~5grade



Plate Sealer
SKU: BPPS-201

Plate Sealer Series 300

Specification	Plate Sealer SKU: BFG-501
Voltage	200-240V, 100-120V
Frequency	50/60Hz
Power	500W
Max sealing length	110mm
Maximum sealing width	250mm



Plate Sealer
SKU: BFG-501

PCR

REAL-TIME THERMAL CYCLER

OVERVIEW

Real-time PCR thermal cyclers are designed for quantitative nucleic acid amplification. Models support 32- or 96-well plates, offer LED-based fluorescence detection, and run temperature programs from near-ambient to about 100 °C with reaction volumes of 10–100 µl.

Highlights

- 32/96-well capacity
- LED fluorescence detection
- 0–105 °C programs
- Real-time PCR system

For Detailed Technical Info & Accessories

Scan to view detailed technical information & accessories, or visit the link below.

CATALOG LINK

https://biolabscientific.com/content/catalogs/4703-Catalog-Biolab.pdf

Real-time Thermal Cycler Series 100

TABLE 1 OF 2

Specification	Real-time Thermal Cycler SKU: BFJ-501	Real-time Thermal Cycler SKU: BFJ-502	Real-time Thermal Cycler SKU: BFJ-503	Real-time Thermal Cycler SKU: BFJ-601	Real-time Thermal Cycler SKU: BFJ-602
Sample Capacity	96 well, 12x8 strip, 96x0.2ml single tube	96 well, 12x8 strip, 96x0.2ml single tube	96 well, 12x8 strip, 96x0.2ml single tube	96 well, 12x8 strip, 96x0.2ml single tube	96 well, 12x8 strip, 96x0.2ml single tube
Formats	0.2ml tube, 0.2ml 8-tube strips, 0.2ml 96 well plate	0.2ml tube, 0.2ml 8-tube strips, 0.2ml 96 well plate	0.2ml tube, 0.2ml 8-tube strips, 0.2ml 96 well plate	0.2ml tube, 0.2ml 8-tube strips, 0.2ml half skirts 96 well plate	0.2ml tube, 0.2ml 8-tube strips, 0.2ml half skirts 96 well plate
Reaction Volume	10-100ul	10-100ul	10-100ul	10-100ul	10-100ul
Temperature Range	0-100°C	0-100°C	0-100°C	0-105°C	0-105°C
MAX. Ramp Rate	8°C	8°C	8°C	8°C	8°C



Real-time Thermal Cycler
SKU: BFJ-501



Real-time Thermal Cycler
SKU: BFJ-502



Real-time Thermal Cycler
SKU: BFJ-503



Real-time Thermal Cycler
SKU: BFJ-601



Real-time Thermal Cycler
SKU: BFJ-602

Real-time Thermal Cycler Series 100

TABLE 2 OF 2

Specification	Real-time Thermal Cycler SKU: BFJ-603
Sample Capacity	96 well, 12x8 strip, 96x0.2ml single tube
Formats	0.2ml tube, no skirts 96 well plate
Reaction Volume	10-100ul
Temperature Range	0-105°C
MAX. Ramp Rate	8°C



Real-time Thermal Cycler
SKU: BFJ-603

Real-time Thermal Cycler Series 100

TABLE 1 OF 2

Specification	Real-time Thermal Cycler SKU: BFJ-701	Real-time Thermal Cycler SKU: BFJ-702	Real-time Thermal Cycler SKU: BFJ-703	Real-time Thermal Cycler SKU: BFJ-704	Real-time Thermal Cycler SKU: BFJ-801
Sample Capacity	32x0.2ml(4x8well, dual block)	32x0.2ml(4x8well, dual block)	32x0.2ml(4x8well, dual block)	32x0.2ml(4x8well, dual block)	16x0.2ml(2x8well, dual block)
Formats	Clear 0.2 ml PCR tube /8-tube strips	Clear 0.2 ml PCR tube /8-tube strips	Clear 0.2 ml PCR tube /8-tube strips	Clear 0.2 ml PCR tube /8-tube strips	Clear 0.2 ml PCR tube /8-tube strips
Reaction Volume	15-100µl	15-100µl	15-100µl	15-100µl	15-100µl
Temperature Control Technology	Marlow customized Peltier allow 1,000,000 cycles	Marlow customized Peltier allow 1,000,000 cycles	Marlow customized Peltier allow 1,000,000 cycles	Marlow customized Peltier allow 1,000,000 cycles	Marlow customized Peltier allow 1,000,000 cycles
Temperature Range	0-100°C	0-100°C	0-100°C	0-100°C	0-100°C



Real-time Thermal Cycler
SKU: BFJ-701



Real-time Thermal Cycler
SKU: BFJ-702



Real-time Thermal Cycler
SKU: BFJ-703



Real-time Thermal Cycler
SKU: BFJ-704



Real-time Thermal Cycler
SKU: BFJ-801

Real-time Thermal Cycler Series 100

TABLE 2 OF 2

Specification	Real-time Thermal Cycler SKU: BFJ-802	Real-time Thermal Cycler SKU: BFJ-803
Sample Capacity	16x0.2ml(2x8well, dual block)	16x0.2ml(2x8well, dual block)
Formats	Clear 0.2 ml PCR tube /8-tube strips	Clear 0.2 ml PCR tube /8-tube strips
Reaction Volume	15-100µl	15-100µl
Temperature Control Technology	Marlow customized Peltier allow 1,000,000 cycles	Marlow customized Peltier allow 1,000,000 cycles
Temperature Range	0-100°C	0-100°C



Real-time Thermal Cycler
SKU: BFJ-802



Real-time Thermal Cycler
SKU: BFJ-803

Real-time Thermal Cycler Series 200

Specification	Real-time Thermal Cycler SKU: BFN-201
Fluorescence acquisition channels	2
Sample holder specifications	32 wells x 0.2 ml
Fluorescence acquisition method	32-well synchronous acquisition
Light source	Super bright single color LED light source
Fluorescence detector	High-resolution deep thermoelectric cooling scientific-grade CCD



Real-time Thermal Cycler
SKU: BFN-201

Real-time Thermal Cycler Series 200

Specification	Real-time Thermal Cycler SKU: BTHC-307
Channel	4
Reactions per run	96
Block Format	96-well 0.2-ml
Color Combinations	4
Light source	High brightness monochrome LED



Real-time Thermal Cycler
SKU: BTHC-307

THERMAL CYCLER

OVERVIEW

Thermal cyclers support PCR reactions from 16-well to 384-well capacities with reaction volumes from 5 µl to 200 µl and temperature ranges around 0-105 °C. Units offer fast ramp rates, uniform heating and programmable controls with interfaces for 0.2 ml tubes, strip tubes and plates.

Highlights

- Multiple well capacities
- Broad temperature range
- Precise temperature control
- Flexible reaction volumes

For Detailed Technical Info & Accessories

Scan to view detailed technical information & accessories, or visit the link below.

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https://biolabscientific.com/content/catalogs/4704-Catalog-Biolab.pdf

Thermal Cycler Series 100

Specification	Thermal Cycler SKU: BFA-1201
U Disk function	Unlimited downloads on USB flash drive, instrument supports import and export
Types of consumables	0.2ml single tube, 8-Tube Strips
Communication Interface	1*LAN 1*RS232 2*USB
96 well plate	96 well plate (excluding Full skirt)
Wireless function	Supports WIFI connection



Thermal Cycler
SKU: BFA-1201

Thermal Cycler Series 100

Specification	Thermal Cycler SKU: BFA-1202
Sample capacity	384x0.04ml
Temperature Uniformity	≤±0.5°C
Types of consumables	384-well PCR microplate
Temp. difference range	1°C~30°C
Gradient temp. point distribution	1~24



Thermal Cycler
SKU: BFA-1202

Thermal Cycler Series 100

Specification	Thermal Cycler SKU: BFA-1203	Thermal Cycler SKU: BFA-1204
Sample capacity	32x0.2ml (A slot) + 64x0.2ml (B slot)	3x32x0.2ml
Types of consumables	0.2ml single tube, 8-connected tube	0.2ml single tube, 8-Tube Strips
Temp. difference range	1°C~20°C	1°C~20°C
Gradient temp. point distribution	A~H	A~H
Net weight	11.5kg	11kg



Thermal Cycler
SKU: BFA-1203



Thermal Cycler
SKU: BFA-1204

Thermal Cycler Series 200

TABLE 1 OF 3

Specification	Thermal Cycler SKU: BFJ-1603	Thermal Cycler SKU: BFJ-1702	Thermal Cycler SKU: BTHC-106	Thermal Cycler SKU: BTHC-108	Thermal Cycler SKU: BTHC-109
Capacity	48x0.2ml + 30x0.5ml	96x0.2ml + 77x0.5ml	96x0.2ml	96x0.2ml	3x(32x0.2ml)
Formats	0.1/0.2ml tube, 8 strips, 0.5ml tube	0.1/0.2/0.5ml, 8 strips, 12 strips, Half skirt 96 wells plate, No skirt 96 wells plate	0.1/0.2ml tube, 8 strips, 12 strips, Half skirt 96 wells plate, No skirt 96 wells plate	0.1/0.2ml tube, 8 strips, 12 strips, Half skirt 96 wells plate, No skirt 96 wells plate	0.1/0.2ml, 8 strips
Reaction Volume	Left block: 5-120µl, Right block: 5-200µl	5-80µl, 5-120µl	5-120µl	5-120µl	5-120µl
Temperature Range	0-105°C	0-105°C	0-105°C	0-105°C	0-105°C
MAX. Ramp Rate	5°C/s	4.5°C/s	4.5°C/s	5°C/s	5°C/s



Thermal Cycler
SKU: BFJ-1603



Thermal Cycler
SKU: BFJ-1702



Thermal Cycler
SKU: BTHC-106



Thermal Cycler
SKU: BTHC-108



Thermal Cycler
SKU: BTHC-109

Thermal Cycler Series 200

TABLE 2 OF 3

Specification	Thermal Cycler SKU: BTHC-110	Thermal Cycler SKU: BTHC-113	Thermal Cycler SKU: BTHC-115	Thermal Cycler SKU: BTHC-117	Thermal Cycler SKU: BTHC-409
Capacity	3x(32x0.2ml)	60x0.5ml	384 well	Double 48x0.2ml	32x0.2ml (4x8 layout)
Formats	0.1/0.2ml, 8 strips	0.5ml tube	384 well plate	0.1/0.2ml tube, 8 strips	0.2ml single tube, 8 strip
Reaction Volume	5-120µl	5-200µl	5-30µl	5-120µl	5-80µl
Temperature Range	0-105°C	0-105°C	0-105°C	0-105°C	4-100°C
MAX. Ramp Rate	5°C/s	4.5°C/s	4.5°C/s	5°C/s	5°C/s



Thermal Cycler
SKU: BTHC-110



Thermal Cycler
SKU: BTHC-113



Thermal Cycler
SKU: BTHC-115



Thermal Cycler
SKU: BTHC-117



Thermal Cycler
SKU: BTHC-409

Thermal Cycler Series 200

TABLE 3 OF 3

Specification	Thermal Cycler SKU: BTHC-410
Capacity	16x0.2ml (4x4 layout)
Formats	0.2ml single tube
Reaction Volume	5-80µl
Temperature Range	4-100°C
MAX. Ramp Rate	5°C/s



Thermal Cycler
SKU: BTHC-410

Thermal Cycler Series 200

Specification	Thermal Cycler SKU: BFJ-1801
Capacity	120x80mm
Temperature Range	0-105°C
MAX. Ramp Rate	4°C/s
Uniformity	≤±0.2°C
Accuracy	≤±0.1°C



Thermal Cycler
SKU: BFJ-1801

Thermal Cycler Series 200

Specification	Thermal Cycler SKU: BFJ-2001
Capacity	96x0.1/0.2ml
Formats	Full 96 wells plate
Reaction Volume	10-80µl
Temp. Range	0-100°C
Max. Ramp Rate	5°C/s



Thermal Cycler
SKU: BFJ-2001

Thermal Cycler Series 200

Specification	Thermal Cycler SKU: BTHC-107
Capacity	96x0.2ml (6 independent 16 well block)
Temperature Range	4-100°C
MAX.Heating Rate	6°C/s
MAX.Cooling Rate	4°C/s
Uniformity	≤±0.3°C



Thermal Cycler
SKU: BTHC-107

Thermal Cycler Series 300

Specification	Thermal Cycler SKU: BFN-301	Thermal Cycler SKU: BFN-302
Type	Standard edition	Performance edition
Sample holder replacement	Support	Support
Independent operation of sample holders	Support	Support
Electromagnetic control lock	Support	Support
Sample holder specifications	32 wells*0.2ml*3	32 wells*0.2ml*3



Thermal Cycler
SKU: BFN-301



Thermal Cycler
SKU: BFN-302

Thermal Cycler Series 300

Specification	Thermal Cycler SKU: BFN-402	Thermal Cycler SKU: BTHC-103
Sample holder specifications	96x(0.2ml)+77x0.5ml(C);384 well(D)	96x(0.2ml)(A);54x0.5ml(B);96x0.2ml+77x0.5ml(C);384 well(D)
Sample holder replacement	Support	Support
Temperature control method	Imported high-performance thermoelectric refrigeration	Imported high-performance thermoelectric refrigeration
Temperature range	0-99.9°C	0-99.9°C
Maximum heating rate	≥5°C/s	≥5°C/s



Thermal Cycler
SKU: BFN-402



Thermal Cycler
SKU: BTHC-103

Thermal Cycler Series 300

Specification	Thermal Cycler SKU: BFN-901
Sample holder specifications	0.2ml*48*2 / 0.1ml 48*2
Temperature control range	0-100°C
Screen	12.1" full touch screen
Electric intelligent heat lid (Electric opening and closing heat lid)	Support
Anti-pinch hand function	Support



Thermal Cycler
SKU: BFN-901

TUBE SEALER

OVERVIEW

Horizontal and vertical tube sealers quickly seal PCR tubes in 0.5–2 seconds. Units feature red/blue indicator lights, Class I grounding and consume about 250 W during operation with minimal standby power, ensuring secure and consistent heat-sealing performance.

Highlights

- Fast sealing time
- Indicator light colours
- Class I grounding
- Low standby power

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Tube Sealer Series 100

Specification	Tube Sealer SKU: BFH-601	Tube Sealer SKU: BFH-701
Heat Sealing Time:	0.5-2s	0.5-2s
Indicator Light Colors:	Red/Blue	Red/Blue
Grounding Protection:	Class I	Class I
Power Consumption:	250W during operation,10W in stand by	250W during operation,10W in stand by
Weight:	5.5 kg	4.5 kg



Tube Sealer
SKU: BFH-601



Tube Sealer
SKU: BFH-701

PETROLEUM EQUIPMENT

MACHINE PETROLEUM EQUIPMENT

OVERVIEW

This testing apparatus simulates engine oil oxidation for measuring piston deposits under TEOST conditions. It uses precise temperature control up to 500 °C, microprocessor management, digital display and adjustable test parameters to run standard methods such as ASTM D7097.

Highlights

- TEOST oxidation testing
- High-temperature simulation
- Microprocessor management
- Adjustable test parameters

For Detailed Technical Info & Accessories

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https://biolabscientific.com/content/catalogs/6804-Catalog-Biolab.pdf

Machine Petroleum Equipment Series 100

Specification	Machine Petroleum Equipment SKU: BPTL-401
Applicable standard	ASTM D7097, SH/T0834
Test Method	TEOST
Test temperature	Ambient ~ 500°C ±2°C
Test time	24 hours
Sample quantity	8.4g



Machine Petroleum Equipment
SKU: BPTL-401

PETROLEUM EQUIPMENT

METERS PETROLEUM EQUIPMENT

OVERVIEW

The petroleum meters range includes penetrometers, oxygen bomb calorimeters and Karl Fischer titrators. Penetrometers measure penetration with 0.1-penetration resolution; calorimeters provide high heat-capacity and repeatability; microprocessor-controlled titrators feature automatic current control and intuitive touch-screen displays for moisture analysis.

Highlights

- Penetration measurement
- High heat capacity calorimeters
- Microprocessor titrator
- Touch-screen display

For Detailed Technical Info & Accessories

Scan to view detailed technical information & accessories, or visit the link below.

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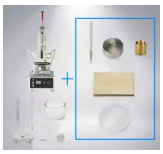
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Meters Petroleum Equipment Series 100

Specification	Meters Petroleum Equipment SKU: BPTL-301	Meters Petroleum Equipment SKU: BPTL-302
Measurement range	0 penetration ~ 600 penetrations	0 penetration ~ 600 penetrations
Resolution	0.1 penetration (0.01 mm)	0.1 penetration (0.01 mm)
Timing range	5s, 8s, 10s, 12s, 30s, 60s, error < ±0.1s	5s, 8s, 10s, 12s, 30s, 60s, error < ±0.1s
Temperature control accuracy	25°C ± 0.1°C	25°C ± 0.1°C
Constant temperature bath	Hard glass chamber	Hard glass chamber



Meters Petroleum Equipment
SKU: BPTL-301



Meters Petroleum Equipment
SKU: BPTL-302

Meters Petroleum Equipment Series 100

Specification	Meters Petroleum Equipment SKU: BPTL-303
Heat capacity	14400 J/K ~ 14500 J/K
Pressure endurance of oxygen bomb	20 MPa
Temperature measurement range	10 °C ~ 35 °C
Repeatability	≤0.2% (Grade C)
Resolution	0.001 K



Meters Petroleum Equipment
SKU: BPTL-303

Meters Petroleum Equipment Series 100

Specification	Meters Petroleum Equipment SKU: BPTL-304
Heat capacity	14000 J/K ~ 15000 J/K
Pressure endurance of oxygen bomb	20 MPa
Temperature measurement range	15 °C ~ 28 °C
Repeatability error	≤0.2% (Grade C)
Resolution	1.001 K



Meters Petroleum Equipment
SKU: BPTL-304

Meters Petroleum Equipment Series 100

Specification	Meters Petroleum Equipment SKU: BPTL-305
Pressure endurance of oxygen bomb	20 MPa
Measuring temperature range	5°C ~ 40°C
Temperature resolution	0.0001°C
RSD (Relative standard deviation)	≤0.1%
Test time period: main period	about 8 mins



Meters Petroleum Equipment
SKU: BPTL-305

Meters Petroleum Equipment Series 100

Specification	Meters Petroleum Equipment SKU: BPTL-306
Titration method	Microprocessor controlled titration
Electrolytic current output	0-400 mA automatic control
Display system	LCD color 7-inch large screen display
Man-machine dialogue mode	Touch screen input
Sensitive valve	0.1 μg H2O



Meters Petroleum Equipment
SKU: BPTL-306

PETROLEUM EQUIPMENT

TESTER PETROLEUM EQUIPMENT

OVERVIEW

Extensive range of petroleum testing instruments covering water content, dropping point, flash point, distillation, viscosity, impurity, ash content, carbon residue, density, color, aniline point, demulsibility, water separability and more. Equipment incorporates adjustable temperature control, accurate sensors and compliance with ASTM/ISO standards for reliable petroleum analysis.

Highlights

- Broad test methods
- Adjustable temperature control
- Compliance with ASTM/ISO
- Precise measurement instruments

For Detailed Technical Info & Accessories

Scan to view detailed technical information & accessories, or visit the link below.

CATALOG LINK

https://biolabscientific.com/content/catalogs/6802-Catalog-Biolab.pdf

Tester Petroleum Equipment Series 100

Specification	Tester Petroleum Equipment SKU: BJL-3801
Applicable standards	ASTM D2274, ISO12205, SH/T0175
Temperature control method	Digital PID temperature controller
Circulating method	Magnetic pump circulation
Temperature control range	20-95°C ±0.2°C
Working units	6 tubes



Tester Petroleum Equipment
SKU: BJL-3801

Tester Petroleum Equipment Series 100

Specification	Tester Petroleum Equipment SKU: BPTL-104
Applicable Standard	SH/T0703, ASTM D5481
Heating method	Electric heating rod
Test temperature	Ambient to 150°C
Temperature control accuracy	±0.1°C
Working unit	5 tubes



Tester Petroleum Equipment
SKU: BPTL-104

Tester Petroleum Equipment Series 100

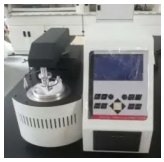
Specification	Tester Petroleum Equipment SKU: BPTL-201
Power supply	AC(220±10%)V, 50Hz
Refrigeration	Semiconductor
Temperature control range	Room temperature ~ -40°C (-70°C is customized)
Temperature control accuracy	±0.1°C
Measuring range	0~40000 mPa·s



Tester Petroleum Equipment
SKU: BPTL-201

Tester Petroleum Equipment Series 100

Specification	Tester Petroleum Equipment SKU: BPTL-203
Applicable standards	GB/T3536, ISO2592, ASTM D92
Display mode	LCD
Display contents	Controlling temperature and expected set flash pointFault promptEvery model specifications and atmosphere setting
Measuring range	Ambient ~ 400°C
Measuring accuracy	0.1°C



Tester Petroleum Equipment
SKU: BPTL-203

Tester Petroleum Equipment Series 100

Specification	Tester Petroleum Equipment SKU: BPTL-205
Applicable standards	GB/T3536, ASTM D92, ISO2592
Heating method	Sealed stove, imported heating wire
Temperature adjusting method	Imported solid regulator
Scanning method	Automatic scanning and igniting
Heating power	0~800W adjustable



Tester Petroleum Equipment
SKU: BPTL-205

Tester Petroleum Equipment Series 100

Specification	Tester Petroleum Equipment SKU: BPTL-206
Applicable standards	SH/T 0059; ASTM D5800 B
Temperature range	Ambient ~ 300°C
Temperature setting	Resolution accuracy ±0.1°C; temperature accuracy ±0.5°C
Heating unit	Environmentally friendly lightweight heating unit
Vacuum control	Vacuum pump and pressure gauge air filter



Tester Petroleum Equipment
SKU: BPTL-206

Tester Petroleum Equipment Series 100

Specification	Tester Petroleum Equipment SKU: BPTL-207
Applicable standards	GB/T261, ISO2719, ASTM D93, DIN51751
Display mode	LCD big screen in English
Display content	Control temperature and set temperature of expected flash point; Fault warning; Each simulated parameters and pressure setting
Measuring range	40~370°C
Measuring accuracy	±0.1°C



Tester Petroleum Equipment
SKU: BPTL-207

Tester Petroleum Equipment Series 100

Specification	Tester Petroleum Equipment SKU: BPTL-208	Tester Petroleum Equipment SKU: BPTL-217
Applicable standards	ASTM D665, GB/T11143	—
Temperature control method	Imported digital PID temperature controller	—
Temperature control accuracy	60 ± 0.1°C	—
Heating method	Electrical heating rod	—
Working units	4 tubes	—



Tester Petroleum Equipment
SKU: BPTL-208



Tester Petroleum Equipment
SKU: BPTL-217

Tester Petroleum Equipment Series 100

Specification	Tester Petroleum Equipment SKU: BPTL-209
Applicable standard	ASTM D6743, DIN 51528, SH/T0680, GB/T23971, GB/T23800
Temperature control method	imported PID digital temperature controller
Temperature control range	RT~400°C
Temperature control accuracy	± 0.1°C
Heating method	metal bath



Tester Petroleum Equipment
SKU: BPTL-209

Tester Petroleum Equipment Series 100

Specification	Tester Petroleum Equipment SKU: BPTL-210
Applicable standard	SH/T0308, ASTM D3427, DIN51585, NFT60151, IP135
Power supply	AC 220V ±10%, 50Hz ±5%
Heating mode	Electric bar
Temperature controlling range	Ambient ~ 80 ±1°C; if using silicon oil, it can reach higher temperature
Working pressure	19.6 kPa



Tester Petroleum Equipment
SKU: BPTL-210

Tester Petroleum Equipment Series 100

Specification	Tester Petroleum Equipment SKU: BPTL-211
Applicable standards	GB/T5096, ASTM D130, ISO3735, DIN51789
Temperature controlling method	imported PID digital display temperature controller
Temperature controlling accuracy	room temperature~150±0.1°C
Heating method	oil bath
Timing method	digital timer



Tester Petroleum Equipment
SKU: BPTL-211

Tester Petroleum Equipment Series 100

Specification	Tester Petroleum Equipment SKU: BPTL-212
Applicable Standards	GB/T7305, ASTM D1401, ISO6614
Temperature Controlling Method	Imported PID digital display temperature controller
Temperature Controlling Accuracy	Ambient ~ 100°C ±0.1°C
Heating Method	Water bath
Total Power	1.5KW



Tester Petroleum Equipment
SKU: BPTL-212

Tester Petroleum Equipment Series 100

Specification	Tester Petroleum Equipment SKU: BPTL-213
Applicable standards	GB/T1884 ISO3675 ASTM D1298
Working unit	double units
Refrigeration method	Air compressor
Temperature controlling method	Imported digital PID
Temperature controlling accuracy	±0.1°C



Tester Petroleum Equipment
SKU: BPTL-213

Tester Petroleum Equipment Series 100

Specification	Tester Petroleum Equipment SKU: BPTL-214
Applicable standards	SH/T0301, ASTM D2619
Heating mode	Stainless steel electrical heating tube
Heating power	1.2KW
Temperature control range	Ambient~93°C
Temperature control accuracy	±0.5°C



Tester Petroleum Equipment
SKU: BPTL-214

Tester Petroleum Equipment Series 100

Specification	Tester Petroleum Equipment SKU: BPTL-215
Applicable standards	GB/T12579, ASTM D892, ISO6247, NFT60129
Working unit	4 units
Heating method	oil bath
Temperature controlling method	Imported digital PID
Temperature controlling accuracy	±0.1°C



Tester Petroleum Equipment
SKU: BPTL-215

Tester Petroleum Equipment Series 100

Specification	Tester Petroleum Equipment SKU: BPTL-216
Applicable Standard	SH/T 0209
Temperature Control Method	Imported PID Digital Temperature Controller
Temperature Control Accuracy	Room temperature to 200°C ± 0.1°C
Heating Method	Metal Bath Heating
Timing Method	Digital Timer



Tester Petroleum Equipment
SKU: BPTL-216

Tester Petroleum Equipment Series 100

Specification	Tester Petroleum Equipment SKU: BPTL-218
Applicable Standards	SH/T 0220, JIS K2242 (or optionally ISO 9950)
Heating Method	Electric heating wire
Temperature Control Range	80 ± 2°C, 810 ± 2°C
Control Method	Digital Display PID Automatic Temperature Control
Temperature Control Accuracy	0.5%



Tester Petroleum Equipment
SKU: BPTL-218

Tester Petroleum Equipment Series 100

Specification	Tester Petroleum Equipment SKU: BPTL-219
Applicable standards	ASTM D1881, SH/T0066
Temperature controlling range	88±1°C
Velocity of flow	1000±25ml/min
Working units	2 holes
Pressure display	pressure gauge



Tester Petroleum Equipment
SKU: BPTL-219

Tester Petroleum Equipment Series 100

Specification	Tester Petroleum Equipment SKU: BPTL-220
Applicable standard	SH/T0090, ASTM D1177, NFT 78102
Temperature control method	Imported PID temperature controller
Temperature control range	-70 ± 0.1°C
Refrigerator system	Imported dual air compressors
Sample stirring	Motor stirring



Tester Petroleum Equipment
SKU: BPTL-220

Tester Petroleum Equipment Series 100

Specification	Tester Petroleum Equipment SKU: BPTL-221
Applicable standards	GB/T2525, GB/T510, ASTM D97
Temperature controlling method	imported PID digital display temperature controller
Temperature controlling accuracy	-70±0.1°C
Refrigeration method	imported double compressor
Timing method	digital timer



Tester Petroleum Equipment
SKU: BPTL-221

Tester Petroleum Equipment Series 100

Specification	Tester Petroleum Equipment SKU: BPTL-222
Applicable standards	ASTM D1120, SH/T0089
Heating mode	electric heating-jacket
Refrigeration mode	tap water circulation
Temperature control mode	solid state voltage regulator (SSVD)
Total power	500W



Tester Petroleum Equipment
SKU: BPTL-222

Tester Petroleum Equipment Series 100

Specification	Tester Petroleum Equipment SKU: BPTL-223
Applicable standards	ASTM D6138
Rotating method	AC motor drive
Rotating speed	80~85r/min
Timing method	Digital timer
Start and Stop time	set at random



Tester Petroleum Equipment
SKU: BPTL-223

Tester Petroleum Equipment Series 100

Specification	Tester Petroleum Equipment SKU: BPTL-224
Applicable standards	ASTM D1384, SH/T0085
Heating mode	electric heating pipe
Temperature control mode	digital PID temperature controller
Pressure display	Pressure gauge
Working units	3, can extend to 4-6



Tester Petroleum Equipment
SKU: BPTL-224

Tester Petroleum Equipment Series 100

Specification	Tester Petroleum Equipment SKU: BPTL-225
Applicable standard	SH/T0109, ASTM D1264
Temperature control accuracy	±0.1°C
Temperature control range	Ambient~100°C
Working temperature	37.8 ± 0.1°C and 79 ± 0.1°C
Rotating speed	600 ± 30 rpm



Tester Petroleum Equipment
SKU: BPTL-225

Tester Petroleum Equipment Series 100

Specification	Tester Petroleum Equipment SKU: BPTL-226
Applicable standards	SH/T0338, ASTM D1478
Refrigeration method	Imported French Tecumseh compressor unit
Temperature controlling range	ambient-70°C
Temperature control	Digital timer
Rotating speed	1r/min



Tester Petroleum Equipment
SKU: BPTL-226

Tester Petroleum Equipment Series 100

Specification	Tester Petroleum Equipment SKU: BPTL-227
Temp.controlling	Import PID temp.controller
Flow range	8~12L/h±10%
Measuring range	0~800 μS/cm
Resolution	0.1μS/cm
Gas source	10L/H with special membrane pump



Tester Petroleum Equipment
SKU: BPTL-227

Tester Petroleum Equipment Series 100

Specification	Tester Petroleum Equipment SKU: BPTL-228
Power Supply	AC (220±10%) V, 50Hz
Total Power Consumption	1400W
Measuring Range of Oxygen Bomb Pressure Transmitter	(0~1600) kPa, Accuracy: ±2%
Temperature Control Point of Metal Bath	100.0°C ±0.1°C
LCD Touch Screen	10.1 inches



Tester Petroleum Equipment
SKU: BPTL-228

Tester Petroleum Equipment Series 100

Specification	Tester Petroleum Equipment SKU: BPTL-229
Temperature range	-70~40°C
Resolution	0.1°C
Pressure measuring range	0~200.0 KPa; resolution 1Pa
Filter	363 mesh stainless steel wire mesh
Refrigeration system	Fully sealed imported compressor refrigeration cycle unit



Tester Petroleum Equipment
SKU: BPTL-229

Tester Petroleum Equipment Series 100

Specification	Tester Petroleum Equipment SKU: BPTL-230
Power supply	AC(220±10%)V, 50Hz
Maximum power consumption	≤1700W
Test bomb	Can do 3 bomb tests at the same time
Water bath temperature	37.8°C
Temperature control accuracy	±0.1°C



Tester Petroleum Equipment
SKU: BPTL-230

Tester Petroleum Equipment Series 100

Specification	Tester Petroleum Equipment SKU: BPTL-231
Applicable standards	GB/T6536; ASTM D 86, ISO 3405;
Measuring temperature	Ambient~+400°C
Temperature controlling accuracy	+/- 0.1°C
Volume accuracy	+/- 0.1 ml
Temperature of measuring cylinder	0~60°C



Tester Petroleum Equipment
SKU: BPTL-231

Tester Petroleum Equipment Series 100

Specification	Tester Petroleum Equipment SKU: BPTL-402
Temperature control point for test bath	140°C, 150°C
Temperature control accuracy	±0.1°C
Range for pressure sensor	(0~1.6) MPa
Pressure accuracy	±0.5%
Rotation speed	(100±5) r/min



Tester Petroleum Equipment
SKU: BPTL-402

Tester Petroleum Equipment Series 200

Specification	Tester Petroleum Equipment SKU: BPTL-232
Ignition source	Coal gas (or civil gas)
Nozzle aperture	About 0.8 mm
Thermometer	(-6 ~ 400) °C. Scale is 2 °C
Ambient temperature	(15 ~ 35) °C
Relative humidity	≤ 85 %



Tester Petroleum Equipment
SKU: BPTL-232

Tester Petroleum Equipment Series 200

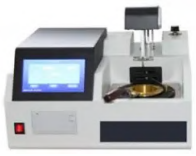
Specification	Tester Petroleum Equipment SKU: BPTL-233
Ignition source	Coal gas (or civil gas)
Flame diameter	3.2 mm ~ 4.8 mm
Temperature range	0 °C ~ 400 °C
Display accuracy	0.1 °C
Temperature control	Single chip microcomputer



Tester Petroleum Equipment
SKU: BPTL-233

Tester Petroleum Equipment Series 200

Specification	Tester Petroleum Equipment SKU: BPTL-234
Mode	Electric ignition
--Gas flame diameter	3.2 mm ~ 4.8 mm
--Range	Ambient to 400°C
--Repeatability	≤ 8°C (Flash Point)
--Reproducibility	≤ 17°C (Flash Point)



Tester Petroleum Equipment
SKU: BPTL-234

Tester Petroleum Equipment Series 200

Specification	Tester Petroleum Equipment SKU: BPTL-235
Ignition mode:	Electric ignition
Diameter of igniter	0.7 mm ~ 0.8 mm
Initial heating	14 ~ 17 °C/min
Heating_rate	It is (5-6)°C/min after reaching the preset flash point 20°C
Range	Ambient to 400 °C



Tester Petroleum Equipment
SKU: BPTL-235

Tester Petroleum Equipment Series 200

Specification	Tester Petroleum Equipment SKU: BPTL-236
Inner diameter	50.7 mm ~ 50.8 mm
Depth	55.7 mm ~ 56.0 mm
The scribed line depth of capacity of testing oil	33.9mm ~ 34.3mm
Capacity of testing oil	About 70ml
Igniting source	Gas (or other civilian fuels)



Tester Petroleum Equipment
SKU: BPTL-236

Tester Petroleum Equipment Series 200

Specification	Tester Petroleum Equipment SKU: BPTL-237
Heating device	(1) The furnace is silicon carbide material. Power is 600W. (2) The heating power is adjustable from 0W to 600W
Heating rate	Procedure A: (5~6)°C/min, Procedure B: (1~1.5)°C/min
Stirring device	(1) Stirring motor: BYGH101 stepping motor. (2) Driving mode: flexible shaft. (3) Shaft size: 8mmx40mm
Stirring rate	Procedure A: (90~120) rpm, Procedure B: (250±10) rpm
Internal diameter	50.7mm ~ 50.8mm



Tester Petroleum Equipment
SKU: BPTL-237

Tester Petroleum Equipment Series 200

Specification	Tester Petroleum Equipment SKU: BPTL-238
Heating rate: Procedure A	(5 ~ 6) °C/min
Heating rate: Procedure B	(1 ~ 1.5) °C/min
Heating rate: Procedure C	(3.0 ± 0.5) °C/min
Stirring rate: Procedure A and C	(90 ~ 120) rpm
Stirring rate: Procedure B	(250 ± 10) rpm



Tester Petroleum Equipment
SKU: BPTL-238

Tester Petroleum Equipment Series 200

Specification	Tester Petroleum Equipment SKU: BPTL-239
Flash point measuring range	-30°C ~ +100°C
Precision of determination	Meets standard GB/T 5208
Temperature resolution	±0.1°C
Igniting device	Electric igniting gun
Cooling mode	Semiconductor (No need for external cooling water)



Tester Petroleum Equipment
SKU: BPTL-239

Tester Petroleum Equipment Series 200

Specification	Tester Petroleum Equipment SKU: BPTL-240
Flash point measuring range	-10°C ~ +100°C
Temperature resolution	± 0.1°C
Igniting device	Electric igniting gun
Cooling mode	Semiconductor (with cold water cycle at external connection)
Igniting source	Gas, LPG (or other civilian fuels)

Tester Petroleum Equipment Series 200

Specification	Tester Petroleum Equipment SKU: BPTL-241
Power supply	AC (220±10%) V, 50Hz
Total power consumption	≤ 2200W
Heating control	Continuously adjustable by a silicon knob, manual
Ambient temperature	(15-35) °C
Relative humidity	≤ 85%



Tester Petroleum Equipment
SKU: BPTL-241

Tester Petroleum Equipment Series 200

Specification	Tester Petroleum Equipment SKU: BPTL-242	Tester Petroleum Equipment SKU: BPTL-243
Capillary viscometer tubes	6 pieces total; inner diameters: 0.6mm, 0.8mm, 1.0mm, 1.2mm, 1.5mm, 2.0mm	6 pieces in total; inner diameter for each: 0.6mm, 0.8mm, 1.0mm, 1.2mm, 1.5mm, 2.0mm
Temperature control range	Ambient to 100°C	Ambient to 100°C
Temperature control accuracy	±0.1°C	±0.1°C
Temperature sensor	RTD, Pt100	RTD, Pt100
Timing range	0s ~ 9999.9s	0s ~ 9999.9s



Tester Petroleum Equipment
SKU: BPTL-242



Tester Petroleum Equipment
SKU: BPTL-243

Tester Petroleum Equipment Series 200

Specification	Tester Petroleum Equipment SKU: BPTL-244
Capillary viscometer tubes	6 pieces total; inner diameters: 0.6mm, 0.8mm, 1.0mm, 1.2mm, 1.5mm, 2.0mm
Amount of capillary viscometer tubes	4 capillary viscometers
Bath capacity	20L
Working condition	15°C ~ 35°C
Relative humidity	≤ 85%



Tester Petroleum Equipment
SKU: BPTL-244

Tester Petroleum Equipment Series 200

Specification	Tester Petroleum Equipment SKU: BPTL-245
Distillation flask	125 ml
Water bath temperature controlling range	(ambient temp. +10) °C ~ 60°C
Water bath temperature controlling accuracy	±0.5°C
Receiving cylinder	100 ml, scale division 1 ml
Ambient temperature	15°C ~ 35°C



Tester Petroleum Equipment
SKU: BPTL-245

Tester Petroleum Equipment Series 200

Specification	Tester Petroleum Equipment SKU: BPTL-246
Distillation flask	125 ml
Receiving cylinder	100 ml, scale division 1 ml
Temperature controller range	(Ambient +10)°C ~ 60°C
Temperature controller accuracy	±0.5°C
Temperature controller display	LED



Tester Petroleum Equipment
SKU: BPTL-246

Tester Petroleum Equipment Series 200

Specification	Tester Petroleum Equipment SKU: BPTL-247
Distillation flask	125 ml
Receiving cylinder	100 ml, scale division 1 ml
Thermometer	(-2~300)°C and (-2~400)°C, division value 1°C
Furnace heating power	1300W x 2
Condenser temp. control range	0°C to 60°C



Tester Petroleum Equipment
SKU: BPTL-247

Tester Petroleum Equipment Series 200

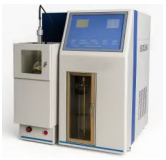
Specification	Tester Petroleum Equipment SKU: BPTL-248
Distillation flask	125 ml
Receiving cylinder	100 ml, scale division 1 ml
Heating power	≤2300W
Electric furnace heating power	1300W
Thermometer	Total immersion; (-2 to 300)°C and (-2 to 400)°C; 1°C divisions



Tester Petroleum Equipment
SKU: BPTL-248

Tester Petroleum Equipment Series 200

Specification	Tester Petroleum Equipment SKU: BPTL-249
Temperature range of bath	0 ~ 60°C
Temperature control precision of bath	±0.5°C
Temperature range of receiving chamber	0 ~ 60°C
Temperature control precision of receiving chamber	±1°C
Distillate liquid detection	0 ~ 100 ml, resolution 0.01 ml



Tester Petroleum Equipment
SKU: BPTL-249

Tester Petroleum Equipment Series 200

Specification	Tester Petroleum Equipment SKU: BPTL-250
Capacity of buffer vessel	1000 ml
Heating power (distillation flask)	1300W
Heating power (receiver)	350W
Heating furnace of distillation flask	(0 ~ 1300)W, continuously adjustable
Max. residual pressure	2 mmHg



Tester Petroleum Equipment
SKU: BPTL-250

Tester Petroleum Equipment Series 200

Specification	Tester Petroleum Equipment SKU: BPTL-251
Heating furnace of distillation flask	(0 ~ 1300)W, adjustable
Setting range of vacuum residual pressure	(2 ~ 50) mmHg
Accuracy of vacuum residual pressure	±0.5 mmHg
Heating power of receiver	350W, automatically controlled
Temperature control point of receiver	(20 ~ 50) °C ±3°C, adjustable



Tester Petroleum Equipment
SKU: BPTL-251

Tester Petroleum Equipment Series 200

Specification	Tester Petroleum Equipment SKU: BPTL-252
Temperature control range of condensate circulating water	Ambient+5°C (Min. 30°C) ~ 80°C±3°C; adjustable
Working Mode of condensate trap	Semiconductor refrigeration
Minimum temperature	≤ - 40 °C
Absolute pressure setting	2 mmhg, 5 mmhg, 10 mmhg, 20 mmhg, 50 mmhg
Absolute pressure measurement range	(2.00~170.00) mmHg ± 0.01 mmHg automatic constant pressure



Tester Petroleum Equipment
SKU: BPTL-252

Tester Petroleum Equipment Series 200

Specification	Tester Petroleum Equipment SKU: BPTL-253
Capacity of cylinder	500ml
Range	(Ambient +5) °C to 100°C
Accuracy	±0.2°C
Sensor	Pt100
Dimension of constant temperature bath	Φ300mmx340mm



Tester Petroleum Equipment
SKU: BPTL-253

Tester Petroleum Equipment Series 200

Specification	Tester Petroleum Equipment SKU: BPTL-254
Working chamber	Two test baths in one chamber. The temperatures are the same.
Range	Ambient to -70°C
Accuracy	±0.5°C
Refrigeration	New-type refrigeration compressor
Ambient temperature	≤30°C



Tester Petroleum Equipment
SKU: BPTL-254

Tester Petroleum Equipment Series 200

Specification	Tester Petroleum Equipment SKU: BPTL-255
--Chamber I	-17°C ~ 0°C, accuracy ±0.5°C, temperatures in two cold baths are the same.
--Chamber II	-30°C
--Chamber III	-51°C ~ -34°C, accuracy ±0.5°C, temperatures in two cold baths are the same.
--Chamber IV	-70°C
Suitable temperature	15°C ~ 28°C



Tester Petroleum Equipment
SKU: BPTL-255

Tester Petroleum Equipment Series 200

Specification	Tester Petroleum Equipment SKU: BPTL-256
Freezing point range	-54°C ~ 2°C
Working bath	stainless steel, double vacuum glass observing window
Cold bath measurement temperature	-70°C ~ 30°C
Temperature controlling accuracy	±0.1°C
Sample stirring	mechanical stirring (60 ~ 80) r/min, continuously adjustable



Tester Petroleum Equipment
SKU: BPTL-256

Tester Petroleum Equipment Series 200

Specification	Tester Petroleum Equipment SKU: BPTL-257
Sample testing positions	Four positions
Sample quantity at one test	4 pieces ~ 12 pieces
Temperature range	Ambient to 100°C, can be set at will
Temperature control accuracy	±1°C
Time controlling range	1 minute ~ 24 hours, can be set at will



Tester Petroleum Equipment
SKU: BPTL-257

Tester Petroleum Equipment Series 200

Specification	Tester Petroleum Equipment SKU: BPTL-258
Test furnace	One furnace with four holes
Heating mode	Electric furnace
Temp. Control range	(0 ~ 520)°C
Temp. Control accuracy	±5°C
Ambient temperature	Room temperature ~ 35°C



Tester Petroleum Equipment
SKU: BPTL-258

Tester Petroleum Equipment Series 200

Specification	Tester Petroleum Equipment SKU: BPTL-259
Temperature of coke chamber	500°C
Temperature control accuracy	±2°C
Heating power	1200W
Ambient temperature	5°C ~ 35°C
Relative humidity	≤ 85%



Tester Petroleum Equipment
SKU: BPTL-259

Tester Petroleum Equipment Series 200

Specification	Tester Petroleum Equipment SKU: BPTL-260
Timing range	1s~9min59s
Stirring rate	(1500±15) r/min
Temperature range	(Room temp.+5~99.9)°C
Temperature control accuracy	±1°C
Ambient temperature	15°C ~ 35°C

Tester Petroleum Equipment Series 200

Specification	Tester Petroleum Equipment SKU: BPTL-261
Testing hole	4 sample
Stirring rate	(1500±15) r/min
Stirring time	(0~99) min
Timing	(0~99) h
Temperature range	(Room temp.~110)°C



Tester Petroleum Equipment
SKU: BPTL-261

Tester Petroleum Equipment Series 200

Specification	Tester Petroleum Equipment SKU: BPTL-262
Temperature control range for high temperature bath	(Room temp.~99.9)°C
Temperature control range for low temperature bath	(5~99.9)°C
Temperature control accuracy	±0.5°C
Air flow rate	(94±5) ml/min, adjustable
Timer	5min and 10min, accurate to second



Tester Petroleum Equipment
SKU: BPTL-262

Tester Petroleum Equipment Series 200

Specification	Tester Petroleum Equipment SKU: BPTL-263
Sample positions	5 positions
Dimension of sample position	φ51mmx70mm
Working temperature	(160 ~ 165)°C
Dimension of evaporation bath	φ260mmx130mm
Temperature control method	Automatic



Tester Petroleum Equipment
SKU: BPTL-263

Tester Petroleum Equipment Series 200

Specification	Tester Petroleum Equipment SKU: BPTL-264
Temperature control range of bath	(Room temp.~90)°C
Temperature control accuracy of bath	±0.1°C
Accuracy of pressure meter	0.4% F·S
Ambient temperature	15°C ~ 35°C
Relative humidity	≤ 85%



Tester Petroleum Equipment
SKU: BPTL-264

Tester Petroleum Equipment Series 200

Specification	Tester Petroleum Equipment SKU: BPTL-265
Test bomb	Can do 3 bomb tests at the same time
Water bath temperature	37.8°C
Pressure range	(0 ~ 200) kPa or (0 ~ 29) psi
Temperature control accuracy	±0.1°C
Ambient temperature	15°C ~ 35°C



Tester Petroleum Equipment
SKU: BPTL-265

Tester Petroleum Equipment Series 200

Specification	Tester Petroleum Equipment SKU: BPTL-266
Heating Tube Power	≤1000W, The actual heating power is automatically controlled by the computer
Measuring range of oxygen bomb pressure transmitter	(0 ~ 1600) kPa, accuracy: ±2%
Temperature control point of metal bath	100.0°C ± 0.5°C
Thermometer	Mercury-in-glass thermometer, can correct coefficient as need
Ambient temperature	≤40°C

Tester Petroleum Equipment Series 200

Specification	Tester Petroleum Equipment SKU: BPTL-267
Sample quantity	It can determine 6 samples at a time
Temperature measuring component	Thermal resistance
Temperature control mode	Automatically controlled by digital temperature controller
Temperature control range	Ambient to 100°C
Temperature control accuracy	±0.2°C



Tester Petroleum Equipment
SKU: BPTL-267

Tester Petroleum Equipment Series 200

Specification	Tester Petroleum Equipment SKU: BPTL-268
Test sample	Two-bomb design, can do two samples at one time. Convenient to do parallel test.
Rotation speed	(100±1)r/min
Included angle between oxygen bomb and water level	30°
Range for pressure sensor	(0 ~ 1.6)MPa
Accuracy	±2%



Tester Petroleum Equipment
SKU: BPTL-268

Tester Petroleum Equipment Series 200

Specification	Tester Petroleum Equipment SKU: BPTL-269
Air supply	Nitrogen cylinder (or air compressor, compressed air bottle)
Pressure regulating range of reducing valve	(0~400) kPa
Electric agitator	Independently controlled for each way
Ultraviolet light source pipe	1220mm in length, wavelength is 365mm±5nm
Illuminating lamp	1220mm in length, power is 40W



Tester Petroleum Equipment
SKU: BPTL-269

Tester Petroleum Equipment Series 200

Specification	Tester Petroleum Equipment SKU: BPTL-270
Oil Bath	600ml Beaker
Grease Cup	Chrome plated brass, inner diameter 9.92mm, oil dripping hole 2.8mm, cup height 12mm
Test Tube	Heat resistant borosilicate glass tube with edge, inner diameter 11.1mm to 12.7mm, with three grooves 19mm from bottom
Stirring motor	60 R/min
Working environment: Temperature	(-5 ~ 300) °C



Tester Petroleum Equipment
SKU: BPTL-270

Tester Petroleum Equipment Series 200

Specification	Tester Petroleum Equipment SKU: BPTL-271
Oil sample quantity	6 ml
Powder sample quantity	3 g
Detection limit	50 ppm
Measuring range	0.005% ~ 5%
Repeatability (r)	< 0.4347 x0.6446



Tester Petroleum Equipment
SKU: BPTL-271

Tester Petroleum Equipment Series 200

Specification	Tester Petroleum Equipment SKU: BPTL-272
Temperature control range for water bath	Room temperature ~ 90°C, adjustable
Bath temperature display	Digitally displayed by LED
Temperature control accuracy for water bath	±1°C
Temperature control range for funnel	Room temperature ~ 90°C, adjustable
Temperature control accuracy for funnel	±2°C



Tester Petroleum Equipment
SKU: BPTL-272

Tester Petroleum Equipment Series 200

Specification	Tester Petroleum Equipment SKU: BPTL-273
--Rated temperature	1000°C
--Temperature rising time for empty furnace	≤50 min
--Power consumption for empty furnace	≤800W
--Furnace temperature uniformity	≤15°C
--Heat savings	≤5kW.h



Tester Petroleum Equipment
SKU: BPTL-273

Tester Petroleum Equipment Series 200

Specification	Tester Petroleum Equipment SKU: BPTL-274
Light source	220 V, 100 W
temperature	2750±50 K
Observation lens composition	concave mirror and separated bar
Standard color dial	26 pieces of Φ14 light holes
Color comparing tube	Φ32 mm, 120 ~ 130 mm high non-colorful flat bottom glass tube



Tester Petroleum Equipment
SKU: BPTL-274

Tester Petroleum Equipment Series 200

Specification	Tester Petroleum Equipment SKU: BPTL-275
Temperature range	Ambient to 200°C
Temperature precision	≤0.5°C
Heating power	≤2100W
Ambient temperature	15°C ~ 35°C
Relative humidity	≤ 85%



Tester Petroleum Equipment
SKU: BPTL-275

Tester Petroleum Equipment Series 200

Specification	Tester Petroleum Equipment SKU: BPTL-276
Distillation flask	1000 ml
Receiver	5ml, graduation is 0.05 ml
Condenser	400mm±5mm
Heater	heating mantle cap, 500Wx2, continuous adjustment
Ambient temperature	-10°C ~ +35°C



Tester Petroleum Equipment
SKU: BPTL-276

Tester Petroleum Equipment Series 200

Specification	Tester Petroleum Equipment SKU: BPTL-277
Burette volume	10ml
Burette precision	±0.1%F·S
Burette dripping time	(60±20)S(F·S)
Potential measurement range	(0~±1800.0)mV
Basic error of electronic unit	0.1%±0.5mV of full reading



Tester Petroleum Equipment
SKU: BPTL-277

Tester Petroleum Equipment Series 200

Specification	Tester Petroleum Equipment SKU: BPTL-278
Viscosity measurement range	1500mPa·s ~27000mPa·s
Cold bath temperature control range	Ambient ~ -60°C
Cold bath temperature control accuracy	±0.5°C
Stator temperature control accuracy	±0.05°C
Environment temperature	10°C~40°C



Tester Petroleum Equipment
SKU: BPTL-278

Tester Petroleum Equipment Series 200

Specification	Tester Petroleum Equipment SKU: BPTL-403
Sample injection quantity	Solid: 1-20 mg; Liquid: 5-20 μL; Gas: 1-5 mL
Determination method	Ultraviolet fluorescence method (S)
Measuring range	5 ppm ~ 5000 ppm (High concentration should be diluted, low concentration gas sample is up to 0.1 ppm)
Temperature range	Ambient to 1150°C
Temperature control precision	±1°C



Tester Petroleum Equipment
SKU: BPTL-403

PETROLEUM EQUIPMENT

VISCOMETER PETROLEUM EQUIPMENT

OVERVIEW

Petroleum viscometers offer kinematic and rotational measurement for oils and fuels. Models use PID digital temperature controllers for accurate heating with ±0.1 °C accuracy. They support broad temperature ranges, including low-temperature and cold cranking simulation, and comply with ASTM, ISO and GB standards.

Highlights

- Kinematic viscometry
- Low-temperature range
- Cold crank simulation
- Standard-compliant design

For Detailed Technical Info & Accessories

Scan to view detailed technical information & accessories, or visit the link below.

CATALOG LINK

https://biolabscientific.com/content/catalogs/6801-Catalog-Biolab.pdf

Viscometer Petroleum Equipment Series 100

Specification	Viscometer Petroleum Equipment SKU: BPTL-101
Applicable standards	GB/T265 ASTM D445 ISO3104 DIN51366
Temperature controlling method	Imported PID digital temperature controller
Temperature controlling accuracy	±0.1°C
Heating method	Electrical heating tube
Total power	2.5KW



Viscometer Petroleum Equipment
SKU: BPTL-101

Viscometer Petroleum Equipment Series 100

Specification	Viscometer Petroleum Equipment SKU: BPTL-102
Applicable Standard	GB/T265, ASTM D445, ISO3104, DIN51366
Temperature Control Method	Imported PID digital display thermostat
Temperature Control Accuracy	Normal temperature ~ -40°C ±0.1°C
Heating Method	Electric heating tube heating
Power of the Whole Machine	3 KW



Viscometer Petroleum Equipment
SKU: BPTL-102

Viscometer Petroleum Equipment Series 100

Specification	Viscometer Petroleum Equipment SKU: BPTL-103
Applicable standard	ASTM D3829, ASTM D4684, GB/T9171
Refrigeration method	Imported air compressor
Temperature controlling method	Programmable temperature controlling
Heating method	Electric heating pipe
Detection method	Photoelectric tube



Viscometer Petroleum Equipment
SKU: BPTL-103

Viscometer Petroleum Equipment Series 100

Specification	Viscometer Petroleum Equipment SKU: BPTL-105
Applicable standard	ASTM D2983, GB/T11145
Refrigeration method	Semi-conductor refrigeration
Temperature controlling mode	Digital PID controller
Temperature controlling range	Ambient ~ -40°C ±0.1°C
Rotating speed range	0.5-60r/min



Viscometer Petroleum Equipment
SKU: BPTL-105

Viscometer Petroleum Equipment Series 100

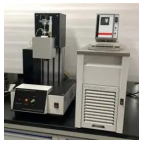
Specification	Viscometer Petroleum Equipment SKU: BPTL-106
Power supply	AC (220±10%) V, 50Hz
Total power consumption	≤1200W
Standard water value	K20 = (51±1)s, (K20 x 0.224 while testing asphalt)
Temperature range	(20~100)°C
Cooling temperature control	(20±0.1)°C, (25±0.1)°C



Viscometer Petroleum Equipment
SKU: BPTL-106

Viscometer Petroleum Equipment Series 100

Specification	Viscometer Petroleum Equipment SKU: BPTL-109	Viscometer Petroleum Equipment SKU: BPTL-109-A
Applicable standard	GB/T6538, ASTM D2602, ASTM D5293	GB/T6538, ASTM D2602, ASTM D5293
Refrigeration method	Semi-conductor	Semi-conductor
Circulation method	Multifunctional plastic steel pump	Multifunctional plastic steel pump
Temperature controlling method	Digital PID temperature controller	Digital PID temperature controller
Detection method	Manual sampling, automatic cleaning, automatic test	Automatic sampling, automatic cleaning, automatic test



Viscometer Petroleum Equipment
SKU: BPTL-109



Viscometer Petroleum Equipment
SKU: BPTL-109-A

Viscometer Petroleum Equipment Series 200

Specification	Viscometer Petroleum Equipment SKU: BPTL-107
Capillary viscometer tubes (Pinkevitch viscometer)	6 pieces in total and the diameters for each is 0.6, 0.8, 1.0, 1.2, 1.5, 2.0 mm.
Temperature range	-65 °C ~ room temp
Temperature control accuracy	± 0.1 °C
Ambient temperature	15 °C ~ 35 °C
Relative humidity	≤ 85 %



Viscometer Petroleum Equipment
SKU: BPTL-107

Viscometer Petroleum Equipment Series 200

Specification	Viscometer Petroleum Equipment SKU: BPTL-108
Water bath temperature control range	Ambient to 80 °C
Ambient temperature	15 °C ~ 35 °C
Relative humidity	≤ 85 %
Maximum power consumption	700 W
Power supply	AC (220 ± 10%) V, 50 Hz



Viscometer Petroleum Equipment
SKU: BPTL-108

PIPETTE

BOTTLE TOP DISPENSER

OVERVIEW

Bottle-top dispensers allow safe and precise dispensing of reagents directly from laboratory bottles. The model listed dispenses volumes between 2.5 and 25 mL in 0.5 mL increments, delivering ±0.5 % accuracy with 0.1 % precision

Highlights

- 2.5–25 mL range
- 0.5 mL increments
- ±0.5 % accuracy
- 0.1 % precision

For Detailed Technical Info & Accessories

Scan to view detailed technical information & accessories, or visit the link below.

CATALOG LINK

https://biolabscientific.com/content/catalogs/4801-Catalog-Biolab.pdf

Bottle Top Dispenser Series 100

Specification	Bottle Top Dispenser SKU: BPIP-101
Volume Range	2.5-25 ml
Subdivision	0.5 ml
Accuracy	±0.50%
Precision	0.10%
Volume	2.5-25 ml



Bottle Top Dispenser
SKU: BPIP-101

PIPETTE

LIQUID DISPENSER

OVERVIEW

Bottle-top dispensers enable precise dispensing of volumes from 0.1 mL to 10 mL. Constructed from autoclavable, chemically resistant materials, they provide smooth operation, adjustable dosing and minimal contamination risk for routine laboratory dispensing tasks.

Highlights

- Adjustable volume dispensing
- Autoclavable construction
- Chemical resistance
- Efficient operation

For Detailed Technical Info & Accessories

Scan to view detailed technical information & accessories, or visit the link below.

CATALOG LINK

https://biolabscientific.com/content/catalogs/4802-Catalog-Biolab.pdf

Liquid Dispenser Series 100

TABLE 1 OF 2

Specification	Liquid Dispenser SKU: BPIP-201	Liquid Dispenser SKU: BPIP-202	Liquid Dispenser SKU: BPIP-203	Liquid Dispenser SKU: BPIP-204	Liquid Dispenser SKU: BPIP-205
Bottle Volume	400 ml	400 ml	400 ml	500 ml	1000 ml
Volume	0.38 ml	0.1-1 ml	0.5-5 ml	0.5-5 ml	1-10 ml
Test Volume	0.38 ml	0.1 ml	0.5 ml	0.5 ml	1 ml
Accuracy	±0.01	±0.02	±0.04	±0.04	±0.1



Liquid Dispenser
SKU: BPIP-201



Liquid Dispenser
SKU: BPIP-202



Liquid Dispenser
SKU: BPIP-203



Liquid Dispenser
SKU: BPIP-204



Liquid Dispenser
SKU: BPIP-205

Liquid Dispenser Series 100

TABLE 2 OF 2

Specification	Liquid Dispenser SKU: BPIP-206	Liquid Dispenser SKU: BPIP-207
Bottle Volume	1000 ml	1000 ml
Volume	1-10 ml	1-10 ml
Test Volume	1 ml	1 ml
Accuracy	±0.1	±0.1



Liquid Dispenser
SKU: BPIP-206



Liquid Dispenser
SKU: BPIP-207

PIPETTE

MULTI CHANNEL PIPETTE

OVERVIEW

Biolab's multi-channel pipettes are variable-volume instruments available in 8- and 12-channel formats. They feature corrosion-resistant pistons, volume-change protection and colour-coded tip selectors. The pipettes are fully autoclavable, support one-handed operation with a rotating dispensing head and have ergonomic short strokes to reduce strain.

Highlights

- Variable volume range
- Autoclavable design
- One-hand operation
- Ergonomic controls

For Detailed Technical Info & Accessories

Scan to view detailed technical information & accessories, or visit the link below.

CATALOG LINK

https://biolabscientific.com/content/catalogs/4803-Catalog-Biolab.pdf

Multi Channel Pipette Series 100

TABLE 1 OF 6

Specification	Multi Channel Pipette SKU: BPIP-301	Multi Channel Pipette SKU: BPIP-302	Multi Channel Pipette SKU: BPIP-303	Multi Channel Pipette SKU: BPIP-304	Multi Channel Pipette SKU: BPIP-305
Volume (µl)	0.5-10	5-50	10-100	20-200	30-300
Increment set (µl)	10/5/1	50/25/5	100/50/10	200/100/20	300/150/30
A* ≤ ± (%)	1.6/2/8	0.8/1.4/6	0.8/0.6/4	0.8/1.4/4	0.6/1.2/3
CV* ≤ (%)	1.0/2/6	0.4/0.8/3	0.3/0.6/2	0.3/0.6/1.5	0.3/0.6/1.5
Increment (µl)	0.01	0.05	0.1	0.2	0.3



Multi Channel Pipette
SKU: BPIP-301



Multi Channel Pipette
SKU: BPIP-302



Multi Channel Pipette
SKU: BPIP-303



Multi Channel Pipette
SKU: BPIP-304



Multi Channel Pipette
SKU: BPIP-305

Multi Channel Pipette Series 100

TABLE 2 OF 6

Specification	Multi Channel Pipette SKU: BPIP-306	Multi Channel Pipette SKU: BPIP-307	Multi Channel Pipette SKU: BPIP-308	Multi Channel Pipette SKU: BPIP-309	Multi Channel Pipette SKU: BPIP-310
Volume (µl)	0.5-10	5-50	10-100	20-200	30-300
Increment set (µl)	10/5/1	50/25/5	100/50/10	200/100/20	300/150/30
A* ≤ ± (%)	1.6/2/8	0.8/1.4/6	0.8/0.6/4	0.8/1.4/4	0.6/1.2/3
CV* ≤ (%)	1.0/2/6	0.4/0.8/3	0.3/0.6/2	0.3/0.6/1.5	0.3/0.6/1.5
Increment (µl)	0.01	0.05	0.1	0.2	0.3



Multi Channel Pipette
SKU: BPIP-306



Multi Channel Pipette
SKU: BPIP-307



Multi Channel Pipette
SKU: BPIP-308



Multi Channel Pipette
SKU: BPIP-309



Multi Channel Pipette
SKU: BPIP-310

Multi Channel Pipette Series 100

TABLE 3 OF 6

Specification	Multi Channel Pipette SKU: BPIP-311	Multi Channel Pipette SKU: BPIP-312	Multi Channel Pipette SKU: BPIP-313	Multi Channel Pipette SKU: BPIP-314	Multi Channel Pipette SKU: BPIP-315
Volume (µl)	0.5-10	5-50	10-100	20-200	30-300
Increment set (µl)	10/5/1	50/25/5	100/50/10	200/100/20	300/150/30
A* ≤ ± (%)	1.6/2/8	0.8/1.4/6	0.8/0.6/4	0.8/1.4/4	0.6/1.2/3
CV* ≤ (%)	1.0/2/6	0.4/0.8/3	0.3/0.6/2	0.3/0.6/1.5	0.3/0.6/1.5
Increment (µl)	0.01	0.05	0.1	0.2	0.3



Multi Channel Pipette
SKU: BPIP-311



Multi Channel Pipette
SKU: BPIP-312



Multi Channel Pipette
SKU: BPIP-313



Multi Channel Pipette
SKU: BPIP-314



Multi Channel Pipette
SKU: BPIP-315

Multi Channel Pipette Series 100

TABLE 4 OF 6

Specification	Multi Channel Pipette SKU: BPIP-316	Multi Channel Pipette SKU: BPIP-317	Multi Channel Pipette SKU: BPIP-318	Multi Channel Pipette SKU: BPIP-319	Multi Channel Pipette SKU: BPIP-320
Volume (µl)	0.5-10	5-50	10-100	20-200	30-300
Increment set (µl)	10/5/1	50/25/5	100/50/10	200/100/20	300/150/30
A* ≤ ± (%)	1.6/2/8	0.8/1.4/6	0.8/0.6/4	0.8/1.4/4	0.6/1.2/3
CV* ≤ (%)	1.0/2/6	0.4/0.8/3	0.3/0.6/2	0.3/0.6/1.5	0.3/0.6/1.5
Increment (µl)	0.01	0.05	0.1	0.2	0.3



Multi Channel Pipette
SKU: BPIP-316



Multi Channel Pipette
SKU: BPIP-317



Multi Channel Pipette
SKU: BPIP-318



Multi Channel Pipette
SKU: BPIP-319



Multi Channel Pipette
SKU: BPIP-320

Multi Channel Pipette Series 100

TABLE 5 OF 6

Specification	Multi Channel Pipette SKU: BPIP-321	Multi Channel Pipette SKU: BPIP-322	Multi Channel Pipette SKU: BPIP-323	Multi Channel Pipette SKU: BPIP-324	Multi Channel Pipette SKU: BPIP-325
Volume (µl)	0.5-10	5-50	10-100	20-200	30-300
Increment set (µl)	10/5/1	50/25/5	100/50/10	200/100/20	300/150/30
A* ≤ ± (%)	1.6/2/8	0.8/1.4/6	0.8/0.6/4	0.8/1.4/4	0.6/1.2/3
CV* ≤ (%)	1.0/2/6	0.4/0.8/3	0.3/0.6/2	0.3/0.6/1.5	0.3/0.6/1.5
Increment (µl)	0.01	0.05	0.1	0.2	0.3



Multi Channel Pipette
SKU: BPIP-321



Multi Channel Pipette
SKU: BPIP-322



Multi Channel Pipette
SKU: BPIP-323



Multi Channel Pipette
SKU: BPIP-324



Multi Channel Pipette
SKU: BPIP-325

Multi Channel Pipette Series 100

TABLE 6 OF 6

Specification	Multi Channel Pipette SKU: BPIP-326	Multi Channel Pipette SKU: BPIP-327	Multi Channel Pipette SKU: BPIP-328	Multi Channel Pipette SKU: BPIP-329	Multi Channel Pipette SKU: BPIP-330
Volume (µl)	0.5-10	5-50	10-100	20-200	30-300
Increment set (µl)	10/5/1	50/25/5	100/50/10	200/100/20	300/150/30
A* ≤ ± (%)	1.6/2/8	0.8/1.4/6	0.8/0.6/4	0.8/1.4/4	0.6/1.2/3
CV* ≤ (%)	1.0/2/6	0.4/0.8/3	0.3/0.6/2	0.3/0.6/1.5	0.3/0.6/1.5
Increment (µl)	0.01	0.05	0.1	0.2	0.3



Multi Channel Pipette
SKU: BPIP-326



Multi Channel Pipette
SKU: BPIP-327



Multi Channel Pipette
SKU: BPIP-328



Multi Channel Pipette
SKU: BPIP-329



Multi Channel Pipette
SKU: BPIP-330

PIPETTE

PIPETTE CONTROLLER

OVERVIEW

This range includes manual and motorized pipette controllers supporting volumes from 0.1 to 100 ml. Manual versions feature color-coded parts for identification, while motorized models weigh about 190 g and can dispense 50 ml in under 10 seconds within operating temperatures of 10–35 °C.

Highlights

- 0.1–100 ml range
- Manual and motorized
- Color-coded design
- Fast dispensing speed

For Detailed Technical Info & Accessories

Scan to view detailed technical information & accessories, or visit the link below.

CATALOG LINK

https://biolabscientific.com/content/catalogs/4804-Catalog-Biolab.pdf

Pipette Controller Series 100

Specification	Pipette Controller SKU: BFS-2201	Pipette Controller SKU: BFS-2202	Pipette Controller SKU: BFS-2203	Pipette Controller SKU: BFS-2204	Pipette Controller SKU: BFS-2205
Colour	Dark blue	Magenta	Dark Green	Gray	Dark blue (with steel wire quick retractable stand)
Weight	190	190	190	190	190
Operating and charging temperature	+10°C to 35°C	+10°C to 35°C	+10°C to 35°C	+10°C to 35°C	+10°C to 35°C
Pipetting Speed	50ml in less than 10 seconds	50ml in less than 10 seconds	50ml in less than 10 seconds	50ml in less than 10 seconds	50ml in less than 10 seconds
For glass and plastic pipettes	0.1 to 200ml	0.1 to 200ml	0.1 to 200ml	0.1 to 200ml	0.1 to 200ml



Pipette Controller
SKU: BFS-2201



Pipette Controller
SKU: BFS-2202



Pipette Controller
SKU: BFS-2203



Pipette Controller
SKU: BFS-2204



Pipette Controller
SKU: BFS-2205

Pipette Controller Series 100

TABLE 1 OF 3

Specification	Pipette Controller SKU: BPIP-401	Pipette Controller SKU: BPIP-402	Pipette Controller SKU: BPIP-403	Pipette Controller SKU: BPIP-404	Pipette Controller SKU: BPIP-405
Volume	0.1 ml - 100 ml	0.1 ml - 100 ml	0.1 ml - 100 ml	0.1 ml - 100 ml	0.1 ml - 100 ml
Colour	Blue parts + Gray ball	Yellow parts + Gray ball	Red parts + Gray ball	Green parts + Gray ball	Gray parts + Gray ball



Pipette Controller
SKU: BPIP-401



Pipette Controller
SKU: BPIP-402



Pipette Controller
SKU: BPIP-403



Pipette Controller
SKU: BPIP-404



Pipette Controller
SKU: BPIP-405

Pipette Controller Series 100

TABLE 2 OF 3

Specification	Pipette Controller SKU: BPIP-406	Pipette Controller SKU: BPIP-407	Pipette Controller SKU: BPIP-408	Pipette Controller SKU: BPIP-409	Pipette Controller SKU: BPIP-410
Volume	0.1 ml - 100 ml	0.1 ml - 100 ml	0.1 ml - 100 ml	0.1 ml - 100 ml	0.1 ml - 100 ml
Colour	Blue parts + Black cylinder	Yellow parts + Black cylinder	Red parts + Black cylinder	Green parts + Black cylinder	Gray parts + Black cylinder



Pipette Controller
SKU: BPIP-406



Pipette Controller
SKU: BPIP-407



Pipette Controller
SKU: BPIP-408



Pipette Controller
SKU: BPIP-409



Pipette Controller
SKU: BPIP-410

Pipette Controller Series 100

TABLE 3 OF 3

Specification	Pipette Controller SKU: BPIP-411	Pipette Controller SKU: BPIP-412	Pipette Controller SKU: BPIP-413	Pipette Controller SKU: BPIP-414	Pipette Controller SKU: BPIP-415
Volume	0.1-100 ml	0.1-100 ml	0.1-100 ml	0.1-100 ml	0.1-100 ml
Colour	Dark blue	Magenta	Dark Green	Gray	Dark blue



Pipette Controller
SKU: BPIP-411



Pipette Controller
SKU: BPIP-412



Pipette Controller
SKU: BPIP-413



Pipette Controller
SKU: BPIP-414



Pipette Controller
SKU: BPIP-415

PIPETTE

SINGLE CHANNEL PIPETTE

OVERVIEW

Fixed-volume single-channel micropipettes are designed for precise liquid dispensing. They cover volumes from 5 µl to 1000 µl with accuracy typically below 2 % and low coefficients of variation. Each pipette is 121 °C autoclavable and includes an ejector for comfortable tip release.

Highlights

- 5–1000 µl volumes
- Fixed-volume design
- High accuracy
- Autoclavable pipette

For Detailed Technical Info & Accessories

Scan to view detailed technical information & accessories, or visit the link below.

CATALOG LINK

https://biolabscientific.com/content/catalogs/4805-Catalog-Biolab.pdf

Single Channel Pipette Series 100

Specification	Single Channel Pipette SKU: BPIP-600
Aspirate Speeds	6 speed adjustable
Dispense Speeds	6 speed adjustable with gravity dispense
Battery	Replaceable lithium battery
Battery Service Life	Intermittently at least 8 hours of normal use
Charging time	About 2 hours



Single Channel Pipette
SKU: BPIP-600

Single Channel Pipette Series 200

TABLE 1 OF 4

Specification	Single Channel Pipette SKU: BPIP-501	Single Channel Pipette SKU: BPIP-530	Single Channel Pipette SKU: BPIP-531	Single Channel Pipette SKU: BPIP-532	Single Channel Pipette SKU: BPIP-533
Volume	1000 µl	5 µl	10 µl	20 µl	25 µl
Accuracy ≤ %	0.8%	2.0%	1.0%	1.0%	1.0%
Accuracy ± µl	8.0	0.1	0.1	0.2	0.25
CV ≤ %	0.20%	0.80%	0.50%	0.30%	0.30%
CV ± µl	2.0	0.04	0.05	0.06	0.075



Single Channel Pipette
SKU: BPIP-501



Single Channel Pipette
SKU: BPIP-530



Single Channel Pipette
SKU: BPIP-531



Single Channel Pipette
SKU: BPIP-532



Single Channel Pipette
SKU: BPIP-533

Single Channel Pipette Series 200

TABLE 2 OF 4

Specification	Single Channel Pipette SKU: BPIP-534	Single Channel Pipette SKU: BPIP-535	Single Channel Pipette SKU: BPIP-536	Single Channel Pipette SKU: BPIP-538	Single Channel Pipette SKU: BPIP-539
Volume	50 µl	100 µl	200 µl	500 µl	1000 µl
Accuracy ≤ %	1.0%	1.0%	0.8%	0.8%	0.8%
Accuracy ± µl	0.5	1.6	4.0	8.0	8.0
CV ≤ %	0.30%	0.25%	0.20%	0.20%	0.20%
CV ± µl	0.15	0.25	0.4	1.0	2.0



Single Channel Pipette
SKU: BPIP-534



Single Channel Pipette
SKU: BPIP-535



Single Channel Pipette
SKU: BPIP-536



Single Channel Pipette
SKU: BPIP-538



Single Channel Pipette
SKU: BPIP-539

Single Channel Pipette Series 200

TABLE 3 OF 4

Specification	Single Channel Pipette SKU: BPIP-540	Single Channel Pipette SKU: BPIP-541	Single Channel Pipette SKU: BPIP-542	Single Channel Pipette SKU: BPIP-543	Single Channel Pipette SKU: BPIP-544
Volume	5 µl	10 µl	20 µl	25 µl	50 µl
Accuracy ≤ %	2.0%	1.0%	1.0%	1.0%	1.0%
Accuracy ± µl	0.1	0.1	0.2	0.25	0.5
CV ≤ %	0.80%	0.50%	0.30%	0.30%	0.30%
CV ± µl	0.04	0.05	0.06	0.075	0.15



Single Channel Pipette
SKU: BPIP-540



Single Channel Pipette
SKU: BPIP-541



Single Channel Pipette
SKU: BPIP-542



Single Channel Pipette
SKU: BPIP-543



Single Channel Pipette
SKU: BPIP-544

Single Channel Pipette Series 200

TABLE 4 OF 4

Specification	Single Channel Pipette SKU: BPIP-545	Single Channel Pipette SKU: BPIP-546	Single Channel Pipette SKU: BPIP-547	Single Channel Pipette SKU: BPIP-548
Volume	100 µl	200 µl	250 µl	500 µl
Accuracy ≤ %	1.0%	0.8%	0.8	0.8%
Accuracy ± µl	1.6	4.0	2	8.0
CV ≤ %	0.25%	0.20%	0.2	0.20%
CV ± µl	0.25	0.4	0.5	1.0



Single Channel Pipette
SKU: BPIP-545



Single Channel Pipette
SKU: BPIP-546



Single Channel Pipette
SKU: BPIP-547



Single Channel Pipette
SKU: BPIP-548

Single Channel Pipette Series 200

Specification	Single Channel Pipette SKU: BPIP-502
Volume range	0.1-1 ml
Accuracy (%) - Min. vol.	< ± 2.0%
Accuracy (%) - Max. vol.	< ± 0.5%
Coefficient of variation (%) - Min. vol.	< 2.5%
Coefficient of variation (%) - Max. vol.	< 0.4%



Single Channel Pipette
SKU: BPIP-502

Single Channel Pipette Series 200

TABLE 1 OF 4

Specification	Single Channel Pipette SKU: BPIP-503	Single Channel Pipette SKU: BPIP-504	Single Channel Pipette SKU: BPIP-505	Single Channel Pipette SKU: BPIP-506	Single Channel Pipette SKU: BPIP-507
Volume (µl)	0.1-1 µl	0.5-10 µl	2-20 µl	5-50 µl	10-100 µl
Increment (µl)	0.001 µl	0.01 µl	0.02 µl	0.05 µl	0.1 µl
A* ≤ ± (%)	2	1	0.8	0.6	0.6
CV* ≤ (%)	1.2	0.5	0.4	0.2	0.2



Single Channel Pipette
SKU: BPIP-503



Single Channel Pipette
SKU: BPIP-504



Single Channel Pipette
SKU: BPIP-505



Single Channel Pipette
SKU: BPIP-506



Single Channel Pipette
SKU: BPIP-507

Single Channel Pipette Series 200

TABLE 2 OF 4

Specification	Single Channel Pipette SKU: BPIP-508	Single Channel Pipette SKU: BPIP-509	Single Channel Pipette SKU: BPIP-510	Single Channel Pipette SKU: BPIP-511	Single Channel Pipette SKU: BPIP-521
Volume (µl)	20-200 µl	100-1000 µl	500-5000 µl	1000-10000 µl	0.1-1
Increment (µl)	0.2 µl	1 µl	5 µl	10 µl	0.001
A* ≤ ± (%)	0.6	0.6	0.6	0.6	2
CV* ≤ (%)	0.2	0.2	0.2	0.2	1.2



Single Channel Pipette
SKU: BPIP-508



Single Channel Pipette
SKU: BPIP-509



Single Channel Pipette
SKU: BPIP-510



Single Channel Pipette
SKU: BPIP-511



Single Channel Pipette
SKU: BPIP-521

Single Channel Pipette Series 200

TABLE 3 OF 4

Specification	Single Channel Pipette SKU: BPIP-522	Single Channel Pipette SKU: BPIP-523	Single Channel Pipette SKU: BPIP-524	Single Channel Pipette SKU: BPIP-525	Single Channel Pipette SKU: BPIP-526
Volume (µl)	0.5-10	2-20	5-50	10-100	20-200
Increment (µl)	0.01	0.02	0.05	0.1	0.2
A* ≤ ± (%)	1	0.8	0.6	0.6	0.6
CV* ≤ (%)	0.5	0.4	0.2	0.2	0.2



Single Channel Pipette
SKU: BPIP-522



Single Channel Pipette
SKU: BPIP-523



Single Channel Pipette
SKU: BPIP-524



Single Channel Pipette
SKU: BPIP-525



Single Channel Pipette
SKU: BPIP-526

Single Channel Pipette Series 200

TABLE 4 OF 4

Specification	Single Channel Pipette SKU: BPIP-527	Single Channel Pipette SKU: BPIP-528	Single Channel Pipette SKU: BPIP-529
Volume (µl)	100-1000	500-5000	1000-10000
Increment (µl)	1	5	10
A* ≤ ± (%)	0.6	0.6	0.6
CV* ≤ (%)	0.2	0.2	0.2



Single Channel Pipette
SKU: BPIP-527



Single Channel Pipette
SKU: BPIP-528



Single Channel Pipette
SKU: BPIP-529

Single Channel Pipette Series 200

TABLE 1 OF 2

Specification	Single Channel Pipette SKU: BPIP-512	Single Channel Pipette SKU: BPIP-513	Single Channel Pipette SKU: BPIP-514	Single Channel Pipette SKU: BPIP-516	Single Channel Pipette SKU: BPIP-517
Autoclavable	Ejector 121°C	Ejector 121°C	Ejector 121°C	Ejector 121°C	Ejector 121°C
Volume	0.1-1 µl	0.5-10 µl	2-20 µl	10-100 µl	20-200 µl
Increment (µl)	0.001	0.01	0.02	0.1	0.2
Accuracy*≤±%	2	1	0.8	0.6	0.6
CV*≤%	1.2	0.5	0.4	0.2	0.2



Single Channel Pipette
SKU: BPIP-512



Single Channel Pipette
SKU: BPIP-513



Single Channel Pipette
SKU: BPIP-514



Single Channel Pipette
SKU: BPIP-516



Single Channel Pipette
SKU: BPIP-517

Single Channel Pipette Series 200

TABLE 2 OF 2

Specification	Single Channel Pipette SKU: BPIP-518	Single Channel Pipette SKU: BPIP-519	Single Channel Pipette SKU: BPIP-520
Autoclavable	Ejector 121°C	Ejector 121°C	Ejector 121°C
Volume	100-1000 µl	500-5000 µl	1000-10000 µl
Increment (µl)	1	5	10
Accuracy*≤±%	0.6	0.6	0.6
CV*≤%	0.2	0.2	0.2



Single Channel Pipette
SKU: BPIP-518



Single Channel Pipette
SKU: BPIP-519



Single Channel Pipette
SKU: BPIP-520

Single Channel Pipette Series 200

Specification	Single Channel Pipette SKU: BPIP-515
Autoclavable	Ejector 121°C
Volume	5-50 µl
Increment (µl)	0.05
Unit	20



Single Channel Pipette
SKU: BPIP-515

Single Channel Pipette Series 200

Specification	Single Channel Pipette SKU: BPIP-537
Autoclavable	121°C
Volume	250 µl
Accuracy ≤ %	0.8
Accuracy ±µl	2
CV ≤ %	0.2



Single Channel Pipette
SKU: BPIP-537

PIPETTE CONSUMABLES

PIPETTE BULB

OVERVIEW

Rubber pipette bulbs provide simple suction for glass pipettes. The BPIC-101 model handles volumes from 2 to 25 ml and comes in red for easy identification, supplied in units of 50 for laboratory use.

Highlights

- Flexible rubber material
- 2–25 ml capacity
- Red color coding
- Bulk packaging

For Detailed Technical Info & Accessories

Scan to view detailed technical information & accessories, or visit the link below.

CATALOG LINK

https://biolabscientific.com/content/catalogs/4901-Catalog-Biolab.pdf

Pipette Bulb Series 100

Specification	Pipette Bulb SKU: BPIC-101
Volume	2-25 ml
Color	Red
Unit	50



Pipette Bulb
SKU: BPIC-101

PIPETTE PUMP

OVERVIEW

Pipette pumps facilitate accurate aspiration and dispensing of liquids. Models are sized for 2 ml, 10 ml or 25 ml pipettes and use color-coded (blue, green or red) handles for quick size identification; they are supplied in bulk units for laboratory use.

Highlights

- Sizes 2–25 ml
- Color-coded handles
- Manual aspiration control
- Bulk packaging

For Detailed Technical Info & Accessories

Scan to view detailed technical information & accessories, or visit the link below.

CATALOG LINK

https://biolabscientific.com/content/catalogs/4902-Catalog-Biolab.pdf

Pipette Pump Series 100

Specification	Pipette Pump SKU: BPIC-201	Pipette Pump SKU: BPIC-202	Pipette Pump SKU: BPIC-203
Volume	2ml	10ml	25ml
Colour	Blue + White	Green + White	Red + White
Unit	1000	1000	1000



Pipette Pump
SKU: BPIC-201



Pipette Pump
SKU: BPIC-202



Pipette Pump
SKU: BPIC-203

PIPETTE STAND

OVERVIEW

Universal pipette stands store multiple micropipettes in linear or carousel configurations. Models accommodate five pipettes in a linear rack or six pipettes in carousel designs, compatible with fixed or variable-volume pipettes to keep workspaces organized.

Highlights

- Universal fit
- Linear or carousel
- Holds 5–6 pipettes
- Compatible with variable volumes

For Detailed Technical Info & Accessories

Scan to view detailed technical information & accessories, or visit the link below.

CATALOG LINK

https://biolabscientific.com/content/catalogs/4903-Catalog-Biolab.pdf

Pipette Stand Series 100

Specification	Pipette Stand SKU: BFS-2303	Pipette Stand SKU: BPIC-301	Pipette Stand SKU: BPIC-303	Pipette Stand SKU: BPIC-304	Pipette Stand SKU: BPIC-305
Specification	Carousel pipette stand for 6 units Topscien fixed volume micropipette	Linear type pipette stand for 5 micropipette pipettes	Carousel pipette stand for 6 units "p" series variable volume micropipette	Carousel pipette stand for 6 units "S" series variable volume micropipette	Carousel pipette stand for 6 units different kinds of micropipette



Pipette Stand
SKU: BFS-2303



Pipette Stand
SKU: BPIC-301



Pipette Stand
SKU: BPIC-303



Pipette Stand
SKU: BPIC-304



Pipette Stand
SKU: BPIC-305

Pipette Stand Series 100

Specification	Pipette Stand SKU: BPIC-302
Description	For 6 pcs PS2 Series Fixed pipettes



Pipette Stand
SKU: BPIC-302

PIPETTE TIPS

OVERVIEW

Pipette tips are available in a wide range of volumes from 10 µl to 5000 µl with options including ultra-low retention, filter tips and racked packs. Packaging typically includes 96-well or 100-piece bags, providing versatile consumables for precision liquid handling.

Highlights

- 10–5000 µl range
- Ultra-low retention
- Filter tip options
- Racked or bagged packs

For Detailed Technical Info & Accessories

Scan to view detailed technical information & accessories, or visit the link below.

CATALOG LINK

https://biolabscientific.com/content/catalogs/4904-Catalog-Biolab.pdf

Pipette Tips Series 100

TABLE 1 OF 4

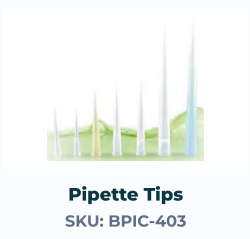
Specification	Pipette Tips SKU: BPIC-401	Pipette Tips SKU: BPIC-402	Pipette Tips SKU: BPIC-403	Pipette Tips SKU: BPIC-404	Pipette Tips SKU: BPIC-405
Volume	10 µl	200 µl	300 µl	1000 µl	5000 µl
Package	100 pcs/bag	100 pcs/bag	100 pcs/bag	100 pcs/bag	100 pcs/bag
Unit	10	10	10	10	10



Pipette Tips
SKU: BPIC-401



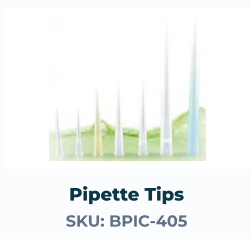
Pipette Tips
SKU: BPIC-402



Pipette Tips
SKU: BPIC-403



Pipette Tips
SKU: BPIC-404

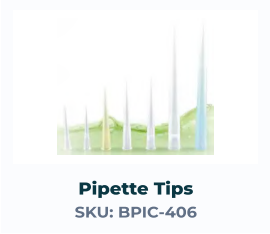


Pipette Tips
SKU: BPIC-405

Pipette Tips Series 100

TABLE 2 OF 4

Specification	Pipette Tips SKU: BPIC-406	Pipette Tips SKU: BPIC-407	Pipette Tips SKU: BPIC-408	Pipette Tips SKU: BPIC-409	Pipette Tips SKU: BPIC-410
Volume	10 ml	10 µl	200 µl	300 µl	1000 µl
Package	100 pcs/bag	100 pcs/bag	100 pcs/bag	100 pcs/bag	100 pcs/bag
Unit	10	10	10	10	10



Pipette Tips
SKU: BPIC-406



Pipette Tips
SKU: BPIC-407



Pipette Tips
SKU: BPIC-408



Pipette Tips
SKU: BPIC-409



Pipette Tips
SKU: BPIC-410

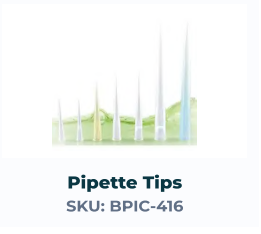
Pipette Tips Series 100

TABLE 3 OF 4

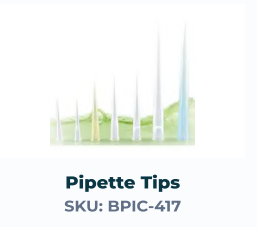
Specification	Pipette Tips SKU: BPIC-411	Pipette Tips SKU: BPIC-416	Pipette Tips SKU: BPIC-417	Pipette Tips SKU: BPIC-418	Pipette Tips SKU: BPIC-419
Volume	5000 µl	10 µl	20 µl	50 µl	100 µl
Package	100 pcs/bag	100 pcs/bag	100 pcs/bag	100 pcs/bag	100 pcs/bag
Unit	10	10	10	10	10



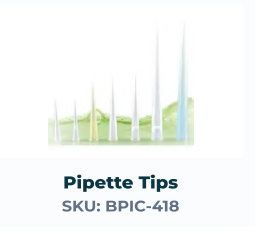
Pipette Tips
SKU: BPIC-411



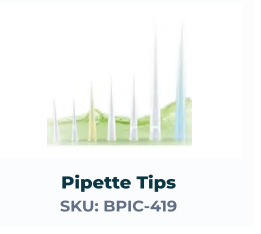
Pipette Tips
SKU: BPIC-416



Pipette Tips
SKU: BPIC-417



Pipette Tips
SKU: BPIC-418



Pipette Tips
SKU: BPIC-419

Pipette Tips Series 100

TABLE 4 OF 4

Specification	Pipette Tips SKU: BPIC-420	Pipette Tips SKU: BPIC-421
Volume	200 µl	1000 µl
Package	100 pcs/bag	100 pcs/bag
Unit	10	10



Pipette Tips
SKU: BPIC-420

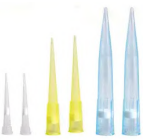


Pipette Tips
SKU: BPIC-421

Pipette Tips Series 100

TABLE 1 OF 3

Specification	Pipette Tips SKU: BPIC-412	Pipette Tips SKU: BPIC-413	Pipette Tips SKU: BPIC-414	Pipette Tips SKU: BPIC-415	Pipette Tips SKU: BPIC-422
Volume	10 ml	10 µl	200 µl	300 µl	10 µl
Unit	10	10	10	10	10



Pipette Tips
SKU: BPIC-412



Pipette Tips
SKU: BPIC-413



Pipette Tips
SKU: BPIC-414



Pipette Tips
SKU: BPIC-415



Pipette Tips
SKU: BPIC-422

Pipette Tips Series 100

TABLE 2 OF 3

Specification	Pipette Tips SKU: BPIC-423	Pipette Tips SKU: BPIC-424	Pipette Tips SKU: BPIC-425	Pipette Tips SKU: BPIC-426	Pipette Tips SKU: BPIC-427
Volume	200 µl	300 µl	1000 µl	10 µl	200 µl
Unit	10	10	10	10	10



Pipette Tips
SKU: BPIC-423



Pipette Tips
SKU: BPIC-424



Pipette Tips
SKU: BPIC-425



Pipette Tips
SKU: BPIC-426



Pipette Tips
SKU: BPIC-427

Pipette Tips Series 100

TABLE 3 OF 3

Specification	Pipette Tips SKU: BPIC-428	Pipette Tips SKU: BPIC-429
Volume	300 µl	1000 µl
Unit	10	10



Pipette Tips
SKU: BPIC-428



Pipette Tips
SKU: BPIC-429

SEROLOGICAL PIPETTE

OVERVIEW

Standard serological pipettes support liquid transfer in routine experiments. Volumes range from 1 ml to 100 ml with around 2 % precision. Negative graduations and clear graduation markings aid accurate dispensing across the full volume range.

Highlights

- 1–100 ml volumes
- ≈2 % precision
- Negative graduations
- Clear graduation marks

For Detailed Technical Info & Accessories

Scan to view detailed technical information & accessories, or visit the link below.

CATALOG LINK

https://biolabscientific.com/content/catalogs/4906-Catalog-Biolab.pdf

Serological Pipette Series 100

TABLE 1 OF 3

Specification	Serological Pipette SKU: BPIC-601	Serological Pipette SKU: BPIC-602	Serological Pipette SKU: BPIC-603	Serological Pipette SKU: BPIC-604	Serological Pipette SKU: BPIC-605
Volume	1 ml	1 ml	2 ml	2 ml	5 ml
Precision	2%	2%	2%	2%	2%
Negative Graduation (ml)	-0.4	-0.4	-0.4	-0.4	-0.4
Graduation	1 / 100	1 / 100	1 / 100	1 / 100	10-Jan
Color	Yellow	Yellow	Yellow	Yellow	Blue



Serological Pipette
SKU: BPIC-601



Serological Pipette
SKU: BPIC-602



Serological Pipette
SKU: BPIC-603



Serological Pipette
SKU: BPIC-604

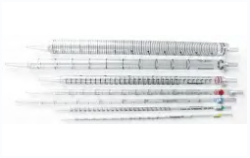


Serological Pipette
SKU: BPIC-605

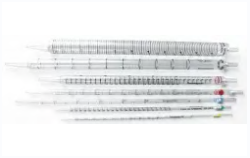
Serological Pipette Series 100

TABLE 2 OF 3

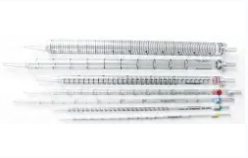
Specification	Serological Pipette SKU: BPIC-606	Serological Pipette SKU: BPIC-607	Serological Pipette SKU: BPIC-608	Serological Pipette SKU: BPIC-609	Serological Pipette SKU: BPIC-610
Volume	5 ml	10ml	10ml	25ml	25ml
Precision	2%	2%	2%	2%	2%
Negative Graduation (ml)	-0.4	-3	-3	-3	-3
Graduation	10-Jan	10-Jan	10-Jan	05-Jan	05-Jan
Color	Blue	Red	Red	Purple	Purple



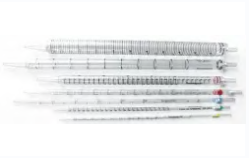
Serological Pipette
SKU: BPIC-606



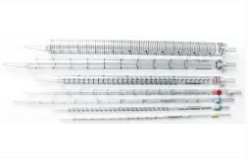
Serological Pipette
SKU: BPIC-607



Serological Pipette
SKU: BPIC-608



Serological Pipette
SKU: BPIC-609

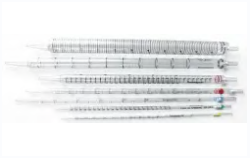


Serological Pipette
SKU: BPIC-610

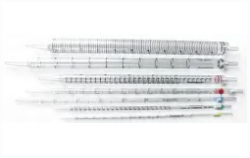
Serological Pipette Series 100

TABLE 3 OF 3

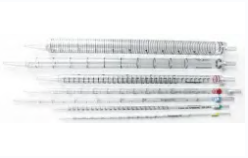
Specification	Serological Pipette SKU: BPIC-611	Serological Pipette SKU: BPIC-612	Serological Pipette SKU: BPIC-613	Serological Pipette SKU: BPIC-614
Volume	50 ml	50 ml	100 ml	100 ml
Precision	2%	2%	2%	2%
Negative Graduation (ml)	-3	-3	-	-
Graduation	1	1	1	1
Color	Black	Black	Black	Black



Serological Pipette
SKU: BPIC-611



Serological Pipette
SKU: BPIC-612



Serological Pipette
SKU: BPIC-613



Serological Pipette
SKU: BPIC-614

TIPS BOX

OVERVIEW

Pipette tip boxes accommodate standard and stackable tips from 10 µl to 10 000 µl. Available in standard or ultra-low-retention designs, the boxes organize and protect tips for efficient lab workflow, with unit quantities of 10 or 20 and stackable options for space saving.

Highlights

- Various volume capacities
- Stackable options
- Ultra-low retention
- Organized tip storage

For Detailed Technical Info & Accessories

Scan to view detailed technical information & accessories, or visit the link below.

CATALOG LINK

https://biolabscientific.com/content/catalogs/4907-Catalog-Biolab.pdf

Tips Box Series 100

TABLE 1 OF 4

Specification	Tips Box SKU: BPIC-701	Tips Box SKU: BPIC-702	Tips Box SKU: BPIC-703	Tips Box SKU: BPIC-704	Tips Box SKU: BPIC-705
Volume	10 µl	200 µl	1000 µl	5000 µl	10000 µl
Unit	20	20	20	20	20



Tips Box
SKU: BPIC-701



Tips Box
SKU: BPIC-702



Tips Box
SKU: BPIC-703



Tips Box
SKU: BPIC-704



Tips Box
SKU: BPIC-705

Tips Box Series 100

TABLE 2 OF 4

Specification	Tips Box SKU: BPIC-706	Tips Box SKU: BPIC-707	Tips Box SKU: BPIC-708	Tips Box SKU: BPIC-709	Tips Box SKU: BPIC-710
Volume	10 µl	200 µl	300 µl	1000 µl	5000 µl
Unit	20	20	20	20	20



Tips Box
SKU: BPIC-706



Tips Box
SKU: BPIC-707



Tips Box
SKU: BPIC-708



Tips Box
SKU: BPIC-709



Tips Box
SKU: BPIC-710

Tips Box Series 100

TABLE 3 OF 4

Specification	Tips Box SKU: BPIC-711	Tips Box SKU: BPIC-712	Tips Box SKU: BPIC-713	Tips Box SKU: BPIC-714	Tips Box SKU: BPIC-715
Volume	10000 µl	10 µl	200 µl	300 µl	1000 µl
Unit	20	10	10	10	10



Tips Box
SKU: BPIC-711



Tips Box
SKU: BPIC-712



Tips Box
SKU: BPIC-713



Tips Box
SKU: BPIC-714



Tips Box
SKU: BPIC-715

Tips Box Series 100

TABLE 4 OF 4

Specification	Tips Box SKU: BPIC-716	Tips Box SKU: BPIC-717	Tips Box SKU: BPIC-718	Tips Box SKU: BPIC-719	Tips Box SKU: BPIC-720
Volume	5000 µl	10000 µl	10 µl	200 µl	300 µl
Unit	10	10	10	10	10



Tips Box
SKU: BPIC-716



Tips Box
SKU: BPIC-717



Tips Box
SKU: BPIC-718



Tips Box
SKU: BPIC-719



Tips Box
SKU: BPIC-720

POLARIMETER

AUTOMATIC POLARIMETER

OVERVIEW

Automatic polarimeters determine optical rotation, specific rotation, concentration and sugar degrees over a ±89.99° arc (±259° Z) range. They offer 0.001° resolution and ±0.01° accuracy within ±45°, supporting reliable chiral and concentration measurements.

Highlights

- ±89.99° range
- Optical & specific rotation
- 0.001° resolution
- ±0.01° accuracy

For Detailed Technical Info & Accessories

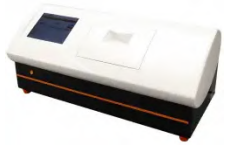
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CATALOG LINK

https://biolabscientific.com/content/catalogs/5001-Catalog-Biolab.pdf

Automatic Polarimeter Series 100

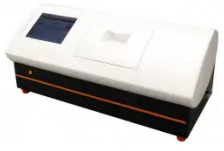
Specification	Automatic Polarimeter SKU: BPOL-101	Automatic Polarimeter SKU: BPOL-102	Automatic Polarimeter SKU: BPOL-103	Automatic Polarimeter SKU: BPOL-104
Measuring range	±89.99°Arc; ±259°Z	±89.99°Arc; ±259°Z	±89.99°Arc; ±259°Z	±89.99°Arc; ±259°Z
Measuring Model	Optical Rotation; Specific Rotation; Concentration; Sugar Degree	Optical Rotation; Specific Rotation; Concentration; Sugar Degree	Optical Rotation; Specific Rotation; Concentration; Sugar Degree	Optical Rotation; Specific Rotation; Concentration; Sugar Degree
Min. reading	0.001° (optical rotation)	0.001° (optical rotation)	0.001° (optical rotation)	0.001° (optical rotation)
Accuracy	±0.01° (-45° < optical rotation ≤ +45°); ±0.02° (optical rotation < -45° or > +45°)	±0.01° (-45° < optical rotation ≤ +45°); ±0.02° (optical rotation < -45° or > +45°)	±0.01° (-45° < optical rotation ≤ +45°); ±0.02° (optical rotation < -45° or > +45°)	±0.01° (-45° < optical rotation ≤ +45°); ±0.02° (optical rotation < -45° or > +45°)
Repeatability (standard deviation)	0.002° (optical rotation)	0.002° (optical rotation)	0.002° (optical rotation)	0.002° (optical rotation)



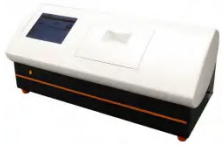
Automatic Polarimeter
SKU: BPOL-101



Automatic Polarimeter
SKU: BPOL-102



Automatic Polarimeter
SKU: BPOL-103



Automatic Polarimeter
SKU: BPOL-104

REFRIGERATOR

BLOOD BANK REFRIGERATOR

OVERVIEW

Blood bank refrigerators maintain a stable 4±1°C internal temperature in ambient conditions of 10–32°C. Capacities range from about 108 to 1008 L, with vertical cabinets designed to store blood products while ensuring uniform cooling and adjustable storage configurations

Highlights

- 4°C temperature stability
- Wide capacity range
- Ambient tolerance
- Upright cabinet design

For Detailed Technical Info & Accessories

Scan to view detailed technical information & accessories, or visit the link below.

CATALOG LINK

https://biolabscientific.com/content/catalogs/2701-Catalog-Biolab.pdf

Blood Bank Refrigerator Series 100

Specification	Blood Bank Refrigerator SKU: BBBF-301	Blood Bank Refrigerator SKU: BBBF-302	Blood Bank Refrigerator SKU: BBBF-303	Blood Bank Refrigerator SKU: BBBF-304	Blood Bank Refrigerator SKU: BBBF-305
Temperature Range	4 ± 1°C	4 ± 1°C	4 ± 1°C	4 ± 1°C	4 ± 1°C
Ambient Temperature	10~32°C	10~32°C	10~32°C	10~32°C	10~32°C
Capacity (L / Cu. Ft.)	108 / 3.81	208 / 7.35	658 / 23.24	1008 / 35.6	368 / 13
Interior Dimensions (WxDxH) mm	432x462x555	432x462x1055	685x429x1380	1100x684x1325	685x429x1380
Exterior Dimensions (WxDxH) mm	522x635x1050	522x635x1530	785x593x1925	1220x865x1835	785x593x1925



Blood Bank Refrigerator
SKU: BBBF-301



Blood Bank Refrigerator
SKU: BBBF-302



Blood Bank Refrigerator
SKU: BBBF-303



Blood Bank Refrigerator
SKU: BBBF-304



Blood Bank Refrigerator
SKU: BBBF-305

REFRIGERATOR

LABORATORY REFRIGERATOR

OVERVIEW

Laboratory refrigerators maintain 2–8 °C storage using microprocessor control with 0.1 °C accuracy. Forced-air cooling ensures frost-free uniformity. Models include adjustable shelves, security locks, visual/audible alarms and battery-backed controllers. Capacities range from about 60 L to over 1 000 L for storing medicines, reagents and vaccines.

Highlights

- 2–8 °C range
- Microprocessor control
- Forced-air cooling
- Safety alarms

For Detailed Technical Info & Accessories

Scan to view detailed technical information & accessories, or visit the link below.

CATALOG LINK

https://biolabscientific.com/content/catalogs/2702-Catalog-Biolab.pdf

Laboratory Refrigerator Series 100

TABLE 1 OF 2

Specification	Laboratory Refrigerator SKU: BEZ-6101	Laboratory Refrigerator SKU: BEZ-6201	Laboratory Refrigerator SKU: BLAR-403	Laboratory Refrigerator SKU: BLAR-404	Laboratory Refrigerator SKU: BLAR-408
Temperature Range	2~8°C	2~8°C	2~8°C	2~8°C	2~8°C
Ambient Temperature	10~32°C	10~32°C	10~32°C	10~32°C	10~32°C
Capacity (L/Cu.Ft.)	100 / 3.53	312 / 11.02	236 / 8.33	315 / 11.12	1500 / 52.97
Interior Dimensions (WxDxH) mm	385x356x737	560x485x1350	534x406x1150	540x425x1380	1680x640x1420
Exterior Dimensions (WxDxH) mm	505x510x875	650x624x1902	625x574x1707	640x554x1925	1800x775x1965



Laboratory Refrigerator
SKU: BEZ-6101



Laboratory Refrigerator
SKU: BEZ-6201



Laboratory Refrigerator
SKU: BLAR-403



Laboratory Refrigerator
SKU: BLAR-404



Laboratory Refrigerator
SKU: BLAR-408

Laboratory Refrigerator Series 100

TABLE 2 OF 2

Specification	Laboratory Refrigerator SKU: BLAR-413
Temperature Range	2~8°C
Ambient Temperature	10~32°C
Capacity (L/Cu.Ft.)	415 / 14.66
Interior Dimensions (WxDxH) mm	685x429x1380
Exterior Dimensions (WxDxH) mm	785x552x1927



Laboratory Refrigerator
SKU: BLAR-413

Laboratory Refrigerator Series 100

Specification	Laboratory Refrigerator SKU: BEZ-12101	Laboratory Refrigerator SKU: BEZ-12301	Laboratory Refrigerator SKU: BLAR-414
Temperature Range	2 ~ 8 °C	2 ~ 8 °C	2 ~ 8 °C
Ambient Temperature	10~32°C	10~32°C	10 ~ 32 °C
Capacity (L/Cu. Ft.)	730 / 25.78	1000 / 35.31	416 / 14.69
Interior Dimensions (WxDxH) mm	1129x505x1370	1129x690x1370	685 x 429 x 1380
Exterior Dimensions (WxDxH) mm	1229x650x1895	1229x832x1895	785 x 595 x 1927



Laboratory Refrigerator
SKU: BEZ-12101



Laboratory Refrigerator
SKU: BEZ-12301



Laboratory Refrigerator
SKU: BLAR-414

Laboratory Refrigerator Series 100

Specification	Laboratory Refrigerator SKU: BLAR-406	Laboratory Refrigerator SKU: BLAR-407	Laboratory Refrigerator SKU: BLAR-409	Laboratory Refrigerator SKU: BLAR-411	Laboratory Refrigerator SKU: BLAR-412
Temperature Range	2 ~ 8°C	2 ~ 8°C	2 ~ 8°C	2 ~ 8°C	2 ~ 8°C
Ambient Temperature	10~32°C	10~32°C	10~32°C	10~32°C	10~32°C
Capacity (L / Cu. Ft.)	656 / 23.17	1006 / 35.53	60 / 2.12	316 / 11.16	416 / 14.69
Interior Dimensions (WxDxH) mm	1100x454x1325	1100x684x1325	410x315x560	540x425x1380	685x429x1330
Exterior Dimensions (WxDxH) mm	1220x630x1885	1220x860x1885	490x440x710	640x554x1925	785x552x1927



Laboratory Refrigerator
SKU: BLAR-406



Laboratory Refrigerator
SKU: BLAR-407



Laboratory Refrigerator
SKU: BLAR-409



Laboratory Refrigerator
SKU: BLAR-411



Laboratory Refrigerator
SKU: BLAR-412

PORTABLE REFRIGERATOR

OVERVIEW

Portable refrigerators offer compact cold storage solutions with capacities from 6 L to 85 L. Units use durable PP and PE construction with polyurethane insulation and provide precise temperature control, including models for 2–8 °C storage of vaccines and biological samples.

Highlights

- 6–85 L capacity range
- PP and PE construction
- PU insulated walls
- 2–8 °C cold storage

For Detailed Technical Info & Accessories

Scan to view detailed technical information & accessories, or visit the link below.

CATALOG LINK

https://biolabscientific.com/content/catalogs/2703-Catalog-Biolab.pdf

Portable Refrigerator Series 100

TABLE 1 OF 2

Specification	Portable Refrigerator SKU: BPOR-100	Portable Refrigerator SKU: BPOR-101	Portable Refrigerator SKU: BPOR-102	Portable Refrigerator SKU: BPOR-103	Portable Refrigerator SKU: BPOR-104
Capacity	6L	8L	12L	15L	20L
Internal&External Materials	PP+PE	PP+PE	PP+PE	PP+PE	PP+PE
Insulation Material	PU	PU	PU	PU	PU
Temp. Resolution	0.1°C	0.1°C	0.1°C	0.1°C	0.1°C
Manufacturing Process	Blow molding+injection molding, burr-free surface	Blow molding+injection molding, burr-free surface	Blow molding+injection molding, burr-free surface	Blow molding+injection molding, burr-free surface	Blow molding+injection molding, burr-free surface



Portable Refrigerator
SKU: BPOR-100



Portable Refrigerator
SKU: BPOR-101



Portable Refrigerator
SKU: BPOR-102



Portable Refrigerator
SKU: BPOR-103



Portable Refrigerator
SKU: BPOR-104

Portable Refrigerator Series 100

TABLE 2 OF 2

Specification	Portable Refrigerator SKU: BPOR-105	Portable Refrigerator SKU: BPOR-106	Portable Refrigerator SKU: BPOR-107	Portable Refrigerator SKU: BPOR-108
Capacity	33L	55L	65L	85L
Internal&External Materials	PP+PE	PP+PE	PP+PE	PP+PE
Insulation Material	PU	PU	PU	PU
Temp. Resolution	0.1°C	0.1°C	0.1°C	0.1°C
Manufacturing Process	Blow molding+injection molding, burr-free surface	Blow molding+injection molding, burr-free surface	Blow molding+injection molding, burr-free surface	Blow molding+injection molding, burr-free surface



Portable Refrigerator
SKU: BPOR-105



Portable Refrigerator
SKU: BPOR-106



Portable Refrigerator
SKU: BPOR-107



Portable Refrigerator
SKU: BPOR-108

ROLLER AND ROTATOR

TUBE ROLLER / ROTATOR

OVERVIEW

Tube rollers and rotators provide gentle mixing for tubes with adjustable speeds ranging from about 1 to 99 rpm. Designs combine rolling, rocking or gyratory motion with brushless DC motors and adjustable or fixed tilt angles to accommodate diverse sample mixing needs.

Highlights

- Adjustable speed range
- Rolling and rocking motion
- Brushless DC motors
- Variable tilt or orbit

For Detailed Technical Info & Accessories

Scan to view detailed technical information & accessories, or visit the link below.

CATALOG LINK

https://biolabscientific.com/content/catalogs/2801-Catalog-Biolab.pdf

Tube Roller / Rotator Series 100

Specification	Tube Roller / Rotator SKU: BTUR-103	Tube Roller / Rotator SKU: BTUR-104
Speed Range	5rpm~80rpm	5rpm~80rpm
Operation Mode	rolling and fluctuation	rolling
Amplitude	25mm	/
Roller Quantity	6	6
Roller Length	280mm	280mm



Tube Roller / Rotator
SKU: BTUR-103



Tube Roller / Rotator
SKU: BTUR-104

Tube Roller / Rotator Series 100

Specification	Tube Roller / Rotator SKU: BTUR-304
Speed Range	20rpm (fixed)
Shaking Orbit	3D / 20 (fixed)
Max. Load	0.8kgs
Voltage	AC 220V/AC 110V, 50/60Hz
Power	45W



Tube Roller / Rotator
SKU: BTUR-304

Tube Roller / Rotator Series 200

Specification	Tube Roller / Rotator SKU: BTUR-101	Tube Roller / Rotator SKU: BTUR-102
Amplitude	24mm	24mm
Motor type	Brushless DC motor	Brushless DC motor
Rocking motion	Rocking and rolling	Rocking and rolling
Max. load capacity	4kg	4kg
Number of rollers	6	6



Tube Roller / Rotator
SKU: BTUR-101



Tube Roller / Rotator
SKU: BTUR-102

Tube Roller / Rotator Series 200

Specification	Tube Roller / Rotator SKU: BTUR-201	Tube Roller / Rotator SKU: BTUR-203
Motor type	DC motor	DC motor
Speed range	0-80rpm	0-80rpm
Speed display	Scale	Scale
Operation mode	Continuous	Continuous
Voltage, Frequency	100-240V, 50/60Hz	100-240V, 50/60Hz



Tube Roller / Rotator
SKU: BTUR-201



Tube Roller / Rotator
SKU: BTUR-203

Tube Roller / Rotator Series 200

Specification	Tube Roller / Rotator SKU: BTUR-202
Motor type	Brushless DC motor
Tilt angle	0-90°
Speed range	10-70rpm
Speed display	LCD
Timer display	LCD



Tube Roller / Rotator
SKU: BTUR-202

Tube Roller / Rotator Series 200

Specification	Tube Roller / Rotator SKU: BTUR-204
Motor type	Brushless DC motor
Speed range	10-70rpm
Speed display	LCD
Timer display	LCD
Timer	1-1199min



Tube Roller / Rotator
SKU: BTUR-204

Tube Roller / Rotator Series 300

Specification	Tube Roller / Rotator SKU: BFS-2902	Tube Roller / Rotator SKU: BFS-2903	Tube Roller / Rotator SKU: BTUR-303
Speed Range	1-99 rpm	1-99 rpm	1-99 rpm
Environment Temperature	+4-65°C	+4-65°C	+4-65°C
Relative Air Humidity (at 20°C)%	Up to 80	Up to 80	Up to 80
Adaptor	DC12V, 1000MA	DC12V, 1000MA	DC12V, 1000MA
Standard Configuration	420 mm length Rotator with standard rack (D10-12.5mm tubex20, D16-16.5mm tubex8, D29-29.5mm tubex2) or 344mm length Rotator with standard rack (D10-12.5mm tubex12, D16-16.5mm tubex2, D29-29.5mm tubex2) or 316mm length Rotator with standard rack (D10-12.5mm tubex8, D16-16.5mm tubex2, D29-29.5mm tubex2	420 mm length Rotator with standard rack (D10-12.5mm tubex20, D16-16.5mm tubex8, D29-29.5mm tubex2) or 344mm length Rotator with standard rack (D10-12.5mm tubex12, D16-16.5mm tubex2, D29-29.5mm tubex2) or 316mm length Rotator with standard rack (D10-12.5mm tubex8, D16-16.5mm tubex2, D29-29.5mm tubex2	420 mm length Rotator with standard rack (D10-12.5mm tubex20, D16-16.5mm tubex8, D29-29.5mm tubex2) or 344mm length Rotator with standard rack (D10-12.5mm tubex12, D16-16.5mm tubex2, D29-29.5mm tubex2) or 316mm length Rotator with standard rack (D10-12.5mm tubex8, D16-16.5mm tubex2, D29-29.5mm tubex2



Tube Roller / Rotator
SKU: BFS-2902



Tube Roller / Rotator
SKU: BFS-2903



Tube Roller / Rotator
SKU: BTUR-303

Tube Roller / Rotator Series 300

Specification	Tube Roller / Rotator SKU: BTUR-401
Speed	Adjustable, 10-99 rpm (±10%)
Motion	Simultaneous roll & tilt (±5%)
Operating temperature	4-40 °C
Electrical	80-230 V, 50-60 Hz, 50 W



Tube Roller / Rotator
SKU: BTUR-401

ROTARY EVAPORATOR

OVERVIEW

Rotary evaporators enable gentle evaporation of solvents. These digital units handle flask volumes from 50 ml up to 3 l, use brushless DC motors to rotate flasks at 10–280 rpm, and have water or oil baths heating up to about 180 °C for efficient distillation under vacuum.

Highlights

- 50–3000 ml capacity
- 10–280 rpm speed
- Water/oil bath heating
- Brushless DC motor

For Detailed Technical Info & Accessories

Scan to view detailed technical information & accessories, or visit the link below.

CATALOG LINK

https://biolabscientific.com/content/catalogs/5101-Catalog-Biolab.pdf

Rotary Evaporator Series 100

Specification	Rotary Evaporator SKU: BREV-101	Rotary Evaporator SKU: BREV-103
Evaporating Flask Volume	50-3000mL (Optional Thickened glass axis compatible with 3L evaporating flask)	50-3000mL (Optional Thickened glass axis compatible with 3L evaporating flask)
Motor Type	Brushless DC motor	Brushless DC motor
Speed Range	20-280rpm	20-200rpm
Display	LCD(speed, temperature, time)	LED(speed, temperature, time)
Direction of Rotation	Clockwise and counterclockwise	Clockwise and counterclockwise



Rotary Evaporator
SKU: BREV-101



Rotary Evaporator
SKU: BREV-103

Rotary Evaporator Series 100

Specification	Rotary Evaporator SKU: BREV-102
Temperature range	Room temp. ~180°C (water and oil bath)
Temperature control accuracy	Water: ±1°C Oil: ±3°C
Rotation Speed	10~150rpm
Ultimate vacuum	Less 2.6mbar
Evaporation capacity	Max. 4.5L/h (75% Alcohol)



Rotary Evaporator
SKU: BREV-102

SPECTROPHOTOMETER

ATOMIC ABSORPTION SPECTROPHOTOMETER

OVERVIEW

Atomic absorption spectrophotometers employ automatic lamp turrets with up to eight lamps and pulsed power supplies. Large 1800-lines/mm gratings and adjustable bandwidths across a 190–900 nm wavelength range support precise elemental analysis in laboratory settings.

Highlights

- Automatic lamp turret
- Pulsed power supply
- 1800 l/mm grating
- 190–900 nm range

For Detailed Technical Info & Accessories

Scan to view detailed technical information & accessories, or visit the link below.

CATALOG LINK

https://biolabscientific.com/content/catalogs/2508-Catalog-Biolab.pdf

Atomic Absorption Spectrophotometer Series 100

Specification	Atomic Absorption Spectrophotometer SKU: BAAS-601	Atomic Absorption Spectrophotometer SKU: BAAS-602	Atomic Absorption Spectrophotometer SKU: BAAS-603	Atomic Absorption Spectrophotometer SKU: BAAS-604
Grating	1800 I /mm	1800 I/mm	1800 I/mm	1800 I/mm
Wavelength Range	190-900 nm	190-900 nm	190-900 nm	190-900 nm
Spectral Bandwidth	0.1. 0.2. 0.4,. 1.0. 2.0 nm (automatic adjustable)	0.1, 0.2, 0.4, 1.0, 2.0 nm (automatic adjustable)	0.1, 0.2, 0.4, 1.0, 2.0 nm (automatic adjustable)	0.1, 0.2, 0.4, 1.0, 2.0 nm (automatic adjustable)
Wavelength accuracy	≤ 0.15 nm	—	—	—
Wavelength repeatability	± 0.1 nm	—	—	—



Atomic Absorption Spectrophotometer
SKU: BAAS-601



Atomic Absorption Spectrophotometer
SKU: BAAS-602



Atomic Absorption Spectrophotometer
SKU: BAAS-603



Atomic Absorption Spectrophotometer
SKU: BAAS-604

Atomic Absorption Spectrophotometer Series 100

Specification	Atomic Absorption Spectrophotometer SKU: BAAS-605	Atomic Absorption Spectrophotometer SKU: BAAS-606
Light Source	≤ 8 lamps automatic turret, automatic alignment	8 lamps automatic turret, automatic alignment
Power Supply	110/220 V (+5% ~ -10%), 60/50 Hz; 5000 VA	110/220 V (+5% ~ -10%), 60/50 Hz; 5000 VA
Lamp Current	Pulsed power supply	Pulsed power supply
Optical System	Large 1800 /mm grating ruling, full closed optical system	Large 1800 /mm grating ruling, full closed optical system
Wavelength Range	185 - 900 nm. Automatically peak find, a key optical optimization function	185 - 900 nm. Automatically peak find, a key optical optimization function



Atomic Absorption Spectrophotometer
SKU: BAAS-605



Atomic Absorption Spectrophotometer
SKU: BAAS-606

SPECTROPHOTOMETER

BENCHTOP SPECTROPHOTOMETER

OVERVIEW

These bench-top spectrophotometers use integrating spheres and concave-grating optics to measure colour or reflectance with D/8 or 45/0 geometry. Models use combined LED or LED+UV lamps and double-array CMOS sensors to provide precise SCI/SCE measurements

Highlights

- D/8 or 45/0 geometry
- Integrating spheres
- LED and UV sources
- Double-array sensors

For Detailed Technical Info & Accessories

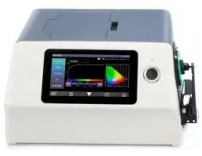
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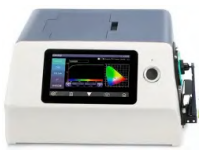
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Benchtop Spectrophotometer Series 100

Specification	Benchtop Spectrophotometer SKU: BBSP-801	Benchtop Spectrophotometer SKU: BBSP-802
Optical Geometry	Reflection: D/8 (diffuse illumination, 8° direction reception), transmission: D/0 (diffuse illumination, 0° direction reception), SCI/SCE measurement, including UV/exclude UV measurement; haze (ASTM D1003)	Reflection: D/8 (diffuse illumination, 8° direction reception), transmission: D/0 (diffuse illumination, 0° direction reception), SCI/SCE measurement, including UV/exclude UV measurement; haze (ASTM D1003)
Standards compliant	CIE No.15, GB/T 3978, GB 2893, GB/T 18833, ISO7724/1, ASTM E1164, DIN5033 Teil7	CIE No.15, GB/T 3978, GB 2893, GB/T 18833, ISO7724/1, ASTM E1164, DIN5033 Teil7
Integrating Sphere Size	Φ154 mm	Φ154 mm
Illuminant	360 nm-780 nm Xenon lamp, 400/420/460 nm cutoff	360 nm-780 nm Xenon lamp, 400 nm cutoff
Sensor	256 Image Element Double Array CMOS Image Sensor	256 Image Element Double Array CMOS Image Sensor; Concavegrating



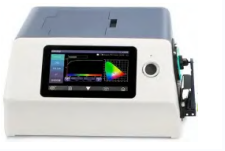
Benchtop Spectrophotometer
SKU: BBSP-801



Benchtop Spectrophotometer
SKU: BBSP-802

Benchtop Spectrophotometer Series 100

Specification	Benchtop Spectrophotometer SKU: BBSP-803	Benchtop Spectrophotometer SKU: BBSP-804
Optical Geometry	Reflectance: d/8 (SCI&SCE; Include UV/Exclude UV) Transmittance: d/0 (SCI&SCE; Include UV/Exclude UV); Conforms to CIE No.15, GB/T 3978, GB 2893, GB/T 18833, ISO7724/1, ASTM E1164, DIN5033 Teil7	Reflectance: d/8 (SCI&SCE; Include UV/Exclude UV) Transmittance: d/0 (SCI&SCE; Include UV/Exclude UV); Conforms to CIE No.15, GB/T 3978, GB 2893, GB/T 18833, ISO7724/1, ASTM E1164, DIN5033 Teil7
Integrating Sphere Size	Φ154 mm	Φ154 mm
Illuminant	360 nm-780 nm Combined LED Lamp, 400 nm cutoff, 420 nm cutoff, UV Lamp	360 nm-780 nm Combined LED Lamp, 400 nm cutoff
Sensor	256 Image Element Double Array CMOS Image Sensor	256 Image Element Double Array CMOS Image Sensor
Wavelength Pitch	10 nm	10 nm



Benchtop Spectrophotometer
SKU: BBSP-803



Benchtop Spectrophotometer
SKU: BBSP-804

Benchtop Spectrophotometer Series 100

Specification	Benchtop Spectrophotometer SKU: BBSP-805	Benchtop Spectrophotometer SKU: BBSP-806
Optical Geometry	45/0 (45° ring uniform illumination, 0° accept)	45/0 (45° ring uniform illumination, 0° accept)
Standards Compliant	CIE No.15, GB/T 3978, GB 2893, GB/T 18833, ISO 7724-1, ASTM E1164, DIN 5033 Teil 7	CIE No.15, GB/T 3978, GB 2893, GB/T 18833, ISO 7724-1, ASTM E1164, DIN 5033 Teil 7
Light Source Device	360-780 nm Combined LED Lamp, UV Lamp	360-780 nm Combined LED Lamp
Spectroscopic Method	Concave-grating	Concave-grating
Sensor	256 Image Element Double arrays CMOS Image Sensor	256 Image Element Double arrays CMOS Image Sensor



Benchtop Spectrophotometer
SKU: BBSP-805



Benchtop Spectrophotometer
SKU: BBSP-806

Benchtop Spectrophotometer Series 100

Specification	Benchtop Spectrophotometer SKU: BBSP-807	Benchtop Spectrophotometer SKU: BBSP-808	Benchtop Spectrophotometer SKU: BBSP-809
Optical Geometry	D/8 (diffuse illumination, 8° acceptance); SCI&SCE; Include UV/Exclude UV	D/8 (diffuse illumination, 8° acceptance); SCI&SCE; Include UV/Exclude UV	45/0 (45 ringshaped illumination, 0° viewing angle)
Standards Compliant	CIE No.15, GB/T 3978, GB 2893, GB/T 18833, ISO77241, ASTM E1164, DIN5033 Teil7	CIE No.15, GB/T 3978, GB 2893, GB/T 18833, ISO77241, ASTM E1164, DIN5033 Teil7	CIE No.15, GB/T 3978, GB 2893, GB/T 18833, ISO77241, ASTM E1164, DIN5033 Teil7
Integrating Sphere Size	Φ40 mm	Φ40 mm	Φ40 mm
Light Source Device	Combined LED Lamp, UV Lamp	Combined LED Lamp	Combined LED Lamp, UV Lamp
Spectroscopic Method	PlaneGrating	PlaneGrating	PlaneGrating



Benchtop Spectrophotometer
SKU: BBSP-807



Benchtop Spectrophotometer
SKU: BBSP-808



Benchtop Spectrophotometer
SKU: BBSP-809

SPECTROPHOTOMETER

DOUBLE BEAM UV VISIBLE SPECTROPHOTOMETER

OVERVIEW

Double-beam UV-visible spectrophotometers use 1200 l/mm gratings to scan 190–1100 nm with 1–2 nm bandwidth and ±0.1 nm wavelength accuracy. They feature color or touch-screen interfaces, modes for photometric, quantitative and kinetics measurements, built-in memory, USB data export and accessories for cuvettes or multi-cell holders.

Highlights

- 190–1100 nm range
- 1–2 nm bandwidth
- Color touch screen
- USB & memory

For Detailed Technical Info & Accessories

Scan to view detailed technical information & accessories, or visit the link below.

CATALOG LINK

https://biolabscientific.com/content/catalogs/2501-Catalog-Biolab.pdf

Double Beam UV Visible Spectrophotometer Series 100

Specification	Double Beam UV Visible Spectrophotometer SKU: BSDBU-202	Double Beam UV Visible Spectrophotometer SKU: BSDBU-202-A	Double Beam UV Visible Spectrophotometer SKU: BSDBU-202-B
Optical System	Double Beam (1200 Lines/mm Grating)	Double Beam (1200 Lines/mm Grating)	Double Beam (1200 Lines/mm Grating)
Wavelength Range	190-1100 nm	190-1100 nm	190-1100 nm
Bandwidth	1.8 nm	1 nm	0.5 / 1 / 2 / 4 nm
Wavelength Accuracy	±0.1 nm at D2 656.1 nm, ±0.3 nm at all range	±0.1 nm at D2 656.1 nm, ±0.3 nm at all range	±0.1 nm at D2 656.1 nm, ±0.3 nm at all range
Wavelength Repeatability	0.1 nm	0.1 nm	0.1 nm



Double Beam UV Visible Spectrophotometer
SKU: BSDBU-202



Double Beam UV Visible Spectrophotometer
SKU: BSDBU-202-A



Double Beam UV Visible Spectrophotometer
SKU: BSDBU-202-B

Double Beam UV Visible Spectrophotometer Series 100

Specification	Double Beam UV Visible Spectrophotometer SKU: BSDBU-204-A	Double Beam UV Visible Spectrophotometer SKU: BSDBU-204-B	Double Beam UV Visible Spectrophotometer SKU: BSDBU-204-C
Optical System	Double Beam	Double Beam	Double Beam
Light Source	W Lamp & D2 Lamp	W Lamp & D2 Lamp	W Lamp & D2 Lamp
Wavelength Range	190-1100nm	190-1100nm	190-1100nm
Bandwidth	1.8nm	1nm	0.5/1/2/4 nm
Display	10-inch Touch Screen	10-inch Touch Screen	10-inch Touch Screen



Double Beam UV Visible Spectrophotometer
SKU: BSDBU-204-A



Double Beam UV Visible Spectrophotometer
SKU: BSDBU-204-B



Double Beam UV Visible Spectrophotometer
SKU: BSDBU-204-C

Double Beam UV Visible Spectrophotometer Series 100

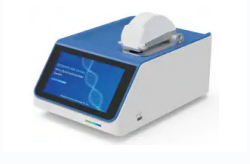
Specification	Double Beam UV Visible Spectrophotometer SKU: BSDBU-205
Optical System	Double Beam
Detector	Photomultiplier (PMT)
Wavelength Range	190-900 nm
Bandwidth	Continuously adjustable from 0.1 nm to 5 nm, 0.1 nm interval
Light Source	W Lamp & D2 Lamp & Mercury Lamp



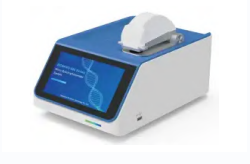
Double Beam UV Visible Spectrophotometer
SKU: BSDBU-205

Double Beam UV Visible Spectrophotometer Series 200

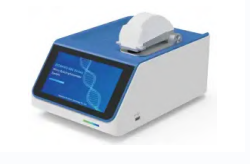
Specification	Double Beam UV Visible Spectrophotometer SKU: BFJ-101	Double Beam UV Visible Spectrophotometer SKU: BFJ-102	Double Beam UV Visible Spectrophotometer SKU: BFJ-103	Double Beam UV Visible Spectrophotometer SKU: BFJ-104
Volume	0.5ul-2ul	0.5ul-2ul	0.5ul-2ul	0.5ul-2ul
Dimension	318x210x188mm (LxWxH)	318x210x188mm (LxWxH)	318x210x188mm (LxWxH)	318x210x188mm (LxWxH)
Weight	4.85kg	4.7kg	4.7kg	4.5kg
Optical Path	0.03mm, 0.05mm, 0.1mm, 0.2mm, 1mm	0.03mm, 0.05mm, 0.1mm, 0.2mm, 1mm	0.03mm, 0.05mm, 0.1mm, 0.2mm, 1mm	0.03mm, 0.05mm, 0.1mm, 0.2mm, 1mm
Light Source	Xenon flash lamp/number of flashes	Xenon flash lamp/number of flashes	Xenon flash lamp/number of flashes	Xenon flash lamp/number of flashes



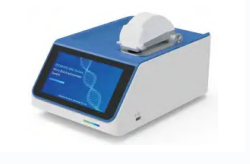
Double Beam UV Visible Spectrophotometer
SKU: BFJ-101



Double Beam UV Visible Spectrophotometer
SKU: BFJ-102



Double Beam UV Visible Spectrophotometer
SKU: BFJ-103



Double Beam UV Visible Spectrophotometer
SKU: BFJ-104

Double Beam UV Visible Spectrophotometer Series 300

TABLE 1 OF 3

Specification	Double Beam UV Visible Spectrophotometer SKU: BFU-105	Double Beam UV Visible Spectrophotometer SKU: BFU-106	Double Beam UV Visible Spectrophotometer SKU: BFU-107	Double Beam UV Visible Spectrophotometer SKU: BFU-504	Double Beam UV Visible Spectrophotometer SKU: BFU-505
Optical System	Double Beam, Grating 1200 lines/mm	Double Beam, Grating 1200 lines/mm	Double Beam, Grating 1200 lines/mm	Double Beam, Grating 1200 lines/mm	Double Beam, Grating 1200 lines/mm
Wavelength Range	190-1100 nm	190-1100 nm	190-1100 nm	190-1100 nm	190-1100 nm
Spectral Bandwidth	2nm	1nm	0.1/0.2/0.5/1/2/4/5nm	2nm	1nm
Wavelength Accuracy	±0.1nm@656.1nm, ±0.3nm@all	±0.1nm@656.1nm, ±0.3nm@all	±0.1nm@656.1nm, ±0.3nm@all	±0.1nm@656.1nm, ±0.3nm@all	±0.1nm@656.1nm, ±0.3nm@all
Photometric Accuracy	±0.2%T(0~100%T), ±0.0005A(0-0.5A), ±0.0008A(0.5-1A)	±0.2%T(0~100%T), ±0.0005A(0-0.5A), ±0.0008A(0.5-1A)	±0.2%T(0~100%T), ±0.0005A(0-0.5A), ±0.0008A(0.5-1A)	0.2%T(0~100%T), ±0.002A(0-0.5A), ±0.004A(0.5-1A)	0.2%T(0~100%T), ±0.002A(0-0.5A), ±0.004A(0.5-1A)



Double Beam UV Visible Spectrophotometer
SKU: BFU-105



Double Beam UV Visible Spectrophotometer
SKU: BFU-106



Double Beam UV Visible Spectrophotometer
SKU: BFU-107



Double Beam UV Visible Spectrophotometer
SKU: BFU-504



Double Beam UV Visible Spectrophotometer
SKU: BFU-505

Double Beam UV Visible Spectrophotometer Series 300

TABLE 2 OF 3

Specification	Double Beam UV Visible Spectrophotometer SKU: BFU-506	Double Beam UV Visible Spectrophotometer SKU: BFU-604	Double Beam UV Visible Spectrophotometer SKU: BFU-704	Double Beam UV Visible Spectrophotometer SKU: BFU-1101	Double Beam UV Visible Spectrophotometer SKU: BFU-1102
Optical System	Double Beam, Grating 1200 lines/mm	Double Beam, Grating 1200 lines/mm	Double Beam, Grating 1200 lines/mm	Double Beam, Grating 1200 lines/mm	Double Beam, Grating 1200 lines/mm
Wavelength Range	190-1100 nm	190-1100 nm	190-1100 nm	190-1100 nm	190-1100 nm
Spectral Bandwidth	0.5/1/2/4/5nm	2nm	2nm	2nm	1nm
Wavelength Accuracy	±0.1nm@656.1nm, ±0.3nm@all	±0.1nm @656.1nm	±0.1nm @656.1nm	±0.1nm@656.1nm, ±0.3nm@all	±0.1nm@656.1nm, ±0.3nm@all
Photometric Accuracy	0.2%T(0~100%T), ±0.002A(0-0.5A), ±0.004A(0.5-1A)	0.2%T(0~100%T), ±0.002A(0-0.5A), ±0.004A(0.5-1A)	0.2%T(0~100%T), ±0.002A(0-0.5A), ±0.004A(0.5-1A)	0.2%T(0~100%T), ±0.002A(0-0.5A), ±0.004A(0.5-1A)	0.2%T(0~100%T), ±0.002A(0-0.5A), ±0.004A(0.5-1A)



Double Beam UV Visible Spectrophotometer
SKU: BFU-506



Double Beam UV Visible Spectrophotometer
SKU: BFU-604



Double Beam UV Visible Spectrophotometer
SKU: BFU-704



Double Beam UV Visible Spectrophotometer
SKU: BFU-1101



Double Beam UV Visible Spectrophotometer
SKU: BFU-1102

Double Beam UV Visible Spectrophotometer Series 300

TABLE 3 OF 3

Specification	Double Beam UV Visible Spectrophotometer SKU: BFU-1103
Optical System	Double Beam, Grating 1200 lines/mm
Wavelength Range	190-1100 nm
Spectral Bandwidth	0.5/1/2/4/5nm
Wavelength Accuracy	±0.1nm@656.1nm, ±0.3nm@all
Photometric Accuracy	0.2%T(0~100%T), ±0.002A(0-0.5A), ±0.004A(0.5-1A)



Double Beam UV Visible Spectrophotometer
SKU: BFU-1103

Double Beam UV Visible Spectrophotometer Series 300

Specification	Double Beam UV Visible Spectrophotometer SKU: BFU-207	Double Beam UV Visible Spectrophotometer SKU: BFU-210
Optical System	Single Beam, Grating 1200 lines/mm	Double Beam, Grating 1200 lines/mm
Wavelength Range	190-1100 nm	190-1100 nm
Spectral Bandwidth	0.5/1/2/4/5nm	0.5/1/2/4/5nm
Wavelength Accuracy	±0.3nm	±0.3nm
Wavelength Repeatability	±0.1nm	±0.1nm



Double Beam UV Visible Spectrophotometer
SKU: BFU-207



Double Beam UV Visible Spectrophotometer
SKU: BFU-210

Double Beam UV Visible Spectrophotometer Series 300

Specification	Double Beam UV Visible Spectrophotometer SKU: BFU-605
Wavelength Range	190-1100 nm
Spectral Bandwidth	1nm
Photometric Accuracy	0.2%T(0~100%T), ±0.002A(0-0.5A), ±0.004A(0.5-1A)
Photometric Repeatability	≤0.15%T (0-100%T), 0.001A(0-0.5A), 0.002A(0.5-1A)
Photometric Range	0-200%T, -0.3~3A, 0-9999C



Double Beam UV Visible Spectrophotometer
SKU: BFU-605

Double Beam UV Visible Spectrophotometer Series 300

Specification	Double Beam UV Visible Spectrophotometer SKU: BFU-606
Wavelength Range	190-1100 nm
Spectral Bandwidth	0.5/1/2/4/5nm
Wavelength Accuracy	±0.3nm @all
Photometric Accuracy	0.2%T(0~100%T), ±0.002A(0-0.5A), ±0.004A(0.5-1A)
Photometric Repeatability	≤0.15%T (0-100%T), 0.001A(0-0.5A), 0.002A(0.5-1A)



Double Beam UV Visible Spectrophotometer
SKU: BFU-606

Double Beam UV Visible Spectrophotometer Series 300

Specification	Double Beam UV Visible Spectrophotometer SKU: BFU-705
Optical System	Double Beam, Grating 1200 lines/mm
Wavelength Range	190-1100 nm
Spectral Bandwidth	1nm
Photometric Accuracy	0.2%T(0~100%T), ±0.002A(0-0.5A), ±0.004A(0.5-1A)
Photometric Repeatability	≤0.15%T (0-100%T), 0.001A(0-0.5A), 0.002A(0.5-1A)



Double Beam UV Visible Spectrophotometer
SKU: BFU-705

Double Beam UV Visible Spectrophotometer Series 400

Specification	Double Beam UV Visible Spectrophotometer SKU: BSDBU-101	Double Beam UV Visible Spectrophotometer SKU: BSDBU-102
Wavelength Range	190-1100 nm	190-1100 nm
Bandwidth	1.8 nm	0.5/1/2/4/5 nm
Wavelength Accuracy	±0.1nm (D2 656.1nm); ±0.3nm (Full range)	±0.1nm (D2 656.1nm); ±0.3nm (Full range)
Wavelength Reproducibility	≤0.1 nm	≤0.1 nm
Photometric Accuracy	±0.2 %T	±0.2 %T



Double Beam UV Visible Spectrophotometer
SKU: BSDBU-101



Double Beam UV Visible Spectrophotometer
SKU: BSDBU-102

Double Beam UV Visible Spectrophotometer Series 500

Specification	Double Beam UV Visible Spectrophotometer SKU: BHV-403	Double Beam UV Visible Spectrophotometer SKU: BSDBU-301	Double Beam UV Visible Spectrophotometer SKU: BSDBU-302
Wavelength Range	190-1100 nm	190-1100 nm	190-1100 nm
Spectral Bandwidth	0.5/1/2/4/5 nm	1.8 nm	1 nm
Optical System	Double Beam, Grating 1200 lines/mm	Double Beam, Grating 1200 lines/mm	Double Beam, Grating 1200 lines/mm
Wavelength Accuracy	±0.3 nm	±0.3 nm	±0.3 nm
Wavelength Repeatability	0.2 nm	0.2 nm	0.2 nm



Double Beam UV Visible Spectrophotometer
SKU: BHV-403



Double Beam UV Visible Spectrophotometer
SKU: BSDBU-301



Double Beam UV Visible Spectrophotometer
SKU: BSDBU-302

SPECTROPHOTOMETER

FLAME PHOTOMETER

OVERVIEW

Flame photometers quantify alkali metal ions (K, Na, Li, Ca, Ba) using flame emission with digital displays. They provide concentration or energy results, safety features like flame-out protection and menu-guided operation, and wide measurement ranges with optional RS232 connectivity.

Highlights

- Ion quantification
- Digital display
- Safety features
- Data connectivity

For Detailed Technical Info & Accessories

Scan to view detailed technical information & accessories, or visit the link below.

CATALOG LINK

https://biolabscientific.com/content/catalogs/2502-Catalog-Biolab.pdf

Flame Photometer Series 100

Specification	Flame Photometer SKU: BFU-6401	Flame Photometer SKU: BFU-6402	Flame Photometer SKU: BFU-6403	Flame Photometer SKU: BFU-6404	Flame Photometer SKU: BFU-6405
Display	7-inch color touch screen	7-inch color touch screen	7-inch color touch screen	7-inch color touch screen	7-inch color touch screen
Display Results	Concentration value/Energy	Concentration value/Energy	Concentration value/Energy	Concentration value/Energy	Concentration value/Energy
Reading Range	0.000~999.9/0~65535	0.000~999.9/0~65535	0.000~999.9/0~65535	0.000~999.9/0~65535	0.000~999.9/0~65535
Testable	K, Na, Li, Ca, Ba	K, Na, Li, Ca	K, Na, Ba	K, Na, Ca	K, Na, Li
Channel Qty	5	4	3	3	3



Flame Photometer
SKU: BFU-6401



Flame Photometer
SKU: BFU-6402



Flame Photometer
SKU: BFU-6403



Flame Photometer
SKU: BFU-6404



Flame Photometer
SKU: BFU-6405

Flame Photometer Series 200

Specification	Flame Photometer SKU: BLFP-501
Weight (Net/Gross)	35 kg
Measurement Range	K: 0~10 mmol/L; Na: 0~200 mmol/L
Repetitiveness	(GV%): K: 1.5% (5mmol/L or 50mmol/L); Na: 1.0% (140mmol/L)
Linearity Error	K: 2%; Na: 2%; within 8s
Solution Consumption	4 ml/min extinguishing tester; automatic disconnection gas function



Flame Photometer
SKU: BLFP-501

Flame Photometer Series 200

Specification	Flame Photometer SKU: BLFP-502
Power Supply	AC220V ±22V, frequency 50 Hz ±1 Hz, with good grounding
Range	K: 0~999.9, Na: 0~999.9, Li: 0~999.9
Sensitivity	K: 0.2 μg/mL, Na: 0.2 μg/mL
Linearity	K: 0.2 μg/mL, Na: 0.7 μg/mL
Drift	Less than 3% within 15s



Flame Photometer
SKU: BLFP-502

SPECTROPHOTOMETER

FLUORESCENCE SPECTROPHOTOMETER

OVERVIEW

Fluorescence spectrophotometers measure excitation and emission spectra across a broad wavelength range (190–1100 nm). They employ xenon or LED light sources with 10 nm bandwidth, ±1–2 nm wavelength accuracy and ≤1 nm repeatability, with optional filters and PC software for sensitive fluorescence analysis.

Highlights

- Wide wavelength range
- High accuracy
- Xenon or LED
- Optional filters

For Detailed Technical Info & Accessories

Scan to view detailed technical information & accessories, or visit the link below.

CATALOG LINK

https://biolabscientific.com/content/catalogs/2503-Catalog-Biolab.pdf

Fluorescence Spectrophotometer Series 100

Specification	Fluorescence Spectrophotometer SKU: BSFL-101	Fluorescence Spectrophotometer SKU: BSFL-102
Wavelength Range	190-1100nm	190-1100nm
Wavelength Accuracy	±2 nm	±2 nm
Wavelength Repeatability	≤1 nm	≤1 nm
Spectral Bandwidth	10 nm	10 nm
Light Source	LED	LED



Fluorescence Spectrophotometer
SKU: BSFL-101



Fluorescence Spectrophotometer
SKU: BSFL-102

Fluorescence Spectrophotometer Series 100

Specification	Fluorescence Spectrophotometer SKU: BSFL-103
Wavelength Accuracy	±1 nm
Wavelength Repeatability	≤0.5 nm
Spectral Bandwidth	10 nm
Stability	Better than 1.5% per 10 min
Light Source	Xenon Lamp



Fluorescence Spectrophotometer
SKU: BSFL-103

FLUOROMETER

OVERVIEW

Fluorometers determine nucleic acid and protein concentrations using dual-channel LED excitation and photodiode detection. Separate or simultaneous channels provide rapid results (≤2 seconds) with detection sensitivity down to picogram levels and quantitate DNA, RNA and proteins over a wide dynamic range.

Highlights

- Dual-channel detection
- LED excitation
- High sensitivity
- Fast measurement

For Detailed Technical Info & Accessories

Scan to view detailed technical information & accessories, or visit the link below.

CATALOG LINK

https://biolabscientific.com/content/catalogs/2517-Catalog-Biolab.pdf

Fluorometer Series 100

Specification	Fluorometer SKU: BSFL-104
Light source	Blue LED: Peak~470nmRed LED: Peak~635nm
Excitation filter	Blue LED: 430~495nmRed LED: 604~644nm
Emission filter	Green: 510~580nmRed: 672~712nm
Detector	Photodiode: detection capability of 300~1000nm
Flux	Two



Fluorometer
SKU: BSFL-104

SPECTROPHOTOMETER

HANDHELD SPECTROPHOTOMETER

OVERVIEW

Handheld grating spectrophotometers use combined LED and UV light sources with D/8 integrating sphere optics. They measure across 360–780 nm using double-array sensors, offering 1.5 s measurements, high repeatability (ΔE*ab ≤ 0.025) and wireless connectivity via USB or Bluetooth for portable color analysis.

Highlights

- D/8 integrating sphere
- Full-spectrum LED/UV
- High measurement precision
- Bluetooth/USB connectivity

For Detailed Technical Info & Accessories

Scan to view detailed technical information & accessories, or visit the link below.

CATALOG LINK

https://biolabscientific.com/content/catalogs/2512-Catalog-Biolab.pdf

Handheld Spectrophotometer Series 100

Specification	Handheld Spectrophotometer SKU: BHSP-901	Handheld Spectrophotometer SKU: BHSP-902	Handheld Spectrophotometer SKU: BHSP-904	Handheld Spectrophotometer SKU: BHSP-905	Handheld Spectrophotometer SKU: BHSP-906
Optical Geometry	Reflectance: D/8 (Diffuse illumination, 8° acceptance) SCI & SCE; Include UV/Exclude UV	Reflectance: D/8 (Diffuse illumination, 8° acceptance) SCI & SCE; Include UV/Exclude UV	Reflectance: D/8 (Diffuse illumination, 8° acceptance) SCI & SCE; Include UV/Exclude UV	Reflectance: D/8 (Diffuse illumination, 8° acceptance) SCI & SCE; Include UV/Exclude UV	Reflectance: D/8 (Diffuse illumination, 8° acceptance) SCI & SCE; Exclude UV
Standards Compliant	CIE No.15, GB/T 3978, GB 2893, GB/T 18833, ISO77241, ASTM E1164, DIN5033 Teil7	CIE No.15, GB/T 3978, GB 2893, GB/T 18833, ISO77241, ASTM E1164, DIN5033 Teil7	CIE No.15, GB/T 3978, GB 2893, GB/T 18833, ISO77241, ASTM E1164, DIN5033 Teil7	CIE No.15, GB/T 3978, GB 2893, GB/T 18833, ISO77241, ASTM E1164, DIN5033 Teil7	CIE No.15, GB/T 3978, GB 2893, GB/T 18833, ISO77241, ASTM E1164, DIN5033 Teil7
Integrating Sphere Size	Φ40 mm	Φ40 mm	Φ40 mm	Φ40 mm	Φ40 mm
Light Source	Combined full spectrum LED light source, UV light source	Combined full spectrum LED light source, UV light source	Combined full spectrum LED light source, UV light source	Combined full spectrum LED light source, UV light source	Combined full spectrum LED light source
Spectroscopic Method	Flat Grating	Flat Grating	Flat Grating	Flat Grating	Flat Grating



Handheld Spectrophotometer
SKU: BHSP-901



Handheld Spectrophotometer
SKU: BHSP-902



Handheld Spectrophotometer
SKU: BHSP-904



Handheld Spectrophotometer
SKU: BHSP-905



Handheld Spectrophotometer
SKU: BHSP-906

Handheld Spectrophotometer Series 100

Specification	Handheld Spectrophotometer SKU: BHSP-903
Optical Geometry	Reflectance: D/8 (Diffuse illumination, 8° acceptance) SCI & SCE; Exclude UV
Standards Compliant	CIE No.15, GB/T 3978, GB 2893, GB/T 18833, ISO77241, ASTM E1164, DIN5033 Teil7
Integrating Sphere Size	Φ40 mm
Light Source	Combined full spectrum LED light source
Spectrophotometric Mode	Flat Grating



Handheld Spectrophotometer
SKU: BHSP-903

SPECTROPHOTOMETER

INDUCTIVELY COUPLED PLASMA EMISSION SPECTROMETER

OVERVIEW

Inductively coupled plasma emission spectrometers deliver multi-element analysis using a solid-state RF power supply with auto-matching. They operate at a stable frequency of 27.12 MHz (±0.05 %) with frequency stability better than 0.1 %, ensuring consistent plasma generation for sensitive elemental detection.

Highlights

- Solid-state RF supply
- 27.12 MHz frequency
- <0.1 % stability
- Multi-element analysis

For Detailed Technical Info & Accessories

Scan to view detailed technical information & accessories, or visit the link below.

CATALOG LINK

https://biolabscientific.com/content/catalogs/2509-Catalog-Biolab.pdf

Inductively Coupled Plasma Emission Spectrometer Series 100

Specification	Inductively Coupled Plasma Emission Spectrometer SKU: BICP-701	Inductively Coupled Plasma Emission Spectrometer SKU: BICP-702	Inductively Coupled Plasma Emission Spectrometer SKU: BICP-703
- Circuit type	solid-state RF power supply, with function of automatch	solid-state RF power supply, with function of automatch	solid-state RF power supply, with function of automatch
- Frequency	27.12 MHz ± 0.05%	27.12 MHz ± 0.05%	27.12 MHz ± 0.05%
- Frequency Stability	< 0.1 %	< 0.1 %	< 0.1 %
- Power Output	800 W - 1200 W	800 W - 1200 W	800 W - 1500 W
- Power Output Stability	< 0.3 %	< 0.3 %	< 0.3 %



Inductively Coupled Plasma Emission Spectrometer
SKU: BICP-701



Inductively Coupled Plasma Emission Spectrometer
SKU: BICP-702



Inductively Coupled Plasma Emission Spectrometer
SKU: BICP-703

SPECTROPHOTOMETER

MULTI ANGLE SPECTROPHOTOMETER

OVERVIEW

Multi-angle spectrophotometers quantify color using full-spectrum LED illumination with blue enhancement and measurement geometries from three up to twelve angles. They employ 45° illumination with receivers at 45° and 15° positions, comply with ASTM, DIN and ISO standards, and have long-life light sources for consistent readings.

Highlights

- Multiple measurement angles
- Full-spectrum LED
- Standards compliant
- Long lamp life

For Detailed Technical Info & Accessories

Scan to view detailed technical information & accessories, or visit the link below.

CATALOG LINK

https://biolabscientific.com/content/catalogs/2514-Catalog-Biolab.pdf

Multi Angle Spectrophotometer Series 100

Specification	Multi Angle Spectrophotometer SKU: BMAS-1201	Multi Angle Spectrophotometer SKU: BMAS-1202
Measurement Geometry	3 measurement angles (3 illumination sources, 1 receivers)	5 measurement angles (5 illumination sources, 1 receivers)
Measure Angle	45° Receiver: 45as25°, 45as45°, 45as110°	45° Receiver: 45as15°, 45as25°, 45as45°, 45as75°, 45as110°
Standards	ASTM D2244, E308, E1164, E2194, E2539, DIN5033, 5036, 6174, 61751, 61752, ISO 7724, 116644, SAE J1545	ASTM D2244, E308, E1164, E2194, E2539, DIN5033, 5036, 6174, 61751, 61752, ISO 7724, 116644, SAE J1545
Light Source	Full spectrum LED light source with blue enhancement	Full spectrum LED light source with blue enhancement
Lamp Life	5 years, 3 million times measurements	5 years, 3 million times measurements



Multi Angle Spectrophotometer
SKU: BMAS-1201



Multi Angle Spectrophotometer
SKU: BMAS-1202

Multi Angle Spectrophotometer Series 100

Specification	Multi Angle Spectrophotometer SKU: BMAS-1203	Multi Angle Spectrophotometer SKU: BMAS-1204	Multi Angle Spectrophotometer SKU: BMAS-1205
Measurement Geometry	6 measurement angles (6 illumination sources, 1 receiver)	8 measurement angles (6 illumination sources, 2 receivers)	12 measurement angles (7 illumination sources, 2 receivers)
Measure Angle	45° Receiver: 45as15°, 45as15°, 45as25°, 45as45°, 45as75°, 45as110°;	45° Receiver: 45as15°, 45as15°, 45as25°, 45as45°, 45as75°, 45as110°; 15° Receiver: 15as45°, 15as15°	45° Receiver: 45as15°, 45as15°, 45as25°, 45as45°, 45as75°, 45as110°; 15° Receiver: 15as45°, 15as15°, 15as15°, 15as30°, 15as45°, 15as80°
Standards	ASTM D2244, E308, E1164, E2194, E2539, DIN5033, 5036, 6174, 61751, 61752, ISO 7724, 116644, SAE J1545	ASTM D2244, E308, E1164, E2194, E2539, DIN5033, 5036, 6174, 61751, 61752, ISO 7724, 116644, SAE J1545	ASTM D2244, E308, E1164, E2194, E2539, DIN5033, 5036, 6174, 61751, 61752, ISO 7724, 116644, SAE J1545
Light Source	Full spectrum LED light source with blue enhancement; Lamp life: 5 years / 3 million times measurements	Full spectrum LED light source with blue enhancement; Lamp life: 5 years / 3 million times measurements	Full spectrum LED light source with blue enhancement; Lamp life: 5 years / 3 million times measurements
Spectrophotometric Mode	Concave Grating	Concave Grating	Concave Grating



Multi Angle Spectrophotometer
SKU: BMAS-1203



Multi Angle Spectrophotometer
SKU: BMAS-1204



Multi Angle Spectrophotometer
SKU: BMAS-1205

NANO SPECTROPHOTOMETER

OVERVIEW

Nano spectrophotometers are micro-volume instruments requiring only 0.3–2 µL samples. They cover wavelength ranges from about 200 nm up to 850 nm and use UV LED or xenon flash lamps with CCD detectors. Path lengths between 0.2 mm and 1.0 mm allow rapid, accurate measurements in seconds.

Highlights

- Micro sample volumes
- Wide wavelength range
- LED or xenon source
- Fast measurement

For Detailed Technical Info & Accessories

Scan to view detailed technical information & accessories, or visit the link below.

CATALOG LINK

https://biolabscientific.com/content/catalogs/2504-Catalog-Biolab.pdf

Nano Spectrophotometer Series 100

Specification	Nano Spectrophotometer SKU: BSNA-201	Nano Spectrophotometer SKU: BSNA-202	Nano Spectrophotometer SKU: BSNA-203
Minimum Sample Size	0.3-2.0 µl	0.3-2.0 µl	0.3-2.0 µl
Wavelength Range	260 nm, 230 nm and 280 nm	200-850 nm	200-850 nm
Wavelength Accuracy	Fixed wavelength point	±1 nm	±1 nm
Spectral Bandwidth	≤5 nm	≤5 nm	≤5 nm
Spectral Resolution	5 nm	2 nm (FWHM at Hg 546)	2 nm (FWHM at Hg 546)



Nano Spectrophotometer
SKU: BSNA-201



Nano Spectrophotometer
SKU: BSNA-202



Nano Spectrophotometer
SKU: BSNA-203

Nano Spectrophotometer Series 100

Specification	Nano Spectrophotometer SKU: BSNA-204
Minimum Sample Size	0.3-2.0 µl
Wavelength Range	190-850 nm
Wavelength Accuracy	±1 nm
Spectral Resolution	2 nm (FWHM at Hg 546)
Temperature Range	4°C-42°C



Nano Spectrophotometer
SKU: BSNA-204

Nano Spectrophotometer Series 200

Specification	Nano Spectrophotometer SKU: BSNA-206
- Light Source	Xenon Lamp
- Detector	CCD (2048 Pixels)
- Wavelength Range	190-1100 nm
- Wavelength Accuracy	±1 nm
- Spectral Resolution	0.3 nm



Nano Spectrophotometer
SKU: BSNA-206

Nano Spectrophotometer Series 300

Specification	Nano Spectrophotometer SKU: BSNA-101	Nano Spectrophotometer SKU: BSNA-102	Nano Spectrophotometer SKU: BSNA-103	Nano Spectrophotometer SKU: BSNA-104
Wavelength range	260 nm, 280 nm	200~800 nm	200~800 nm	200~800 nm
Minimum sample size	1.0~2.0 µL	0.5~2.0 µL	0.5~2.0 µL	0.5~2.0 µL
Path length	0.5 mm	0.2 mm 1.0 mm	0.2 mm 1.0 mm	0.05 / 0.2 mm 1.0 mm
Light source	UV LED	Xenon flash lamp	Xenon flash lamp	Xenon flash lamp
Detector type	UV-silicon photocell	2048-linear CCD array	2048-linear CCD array	2048-linear CCD array



Nano Spectrophotometer
SKU: BSNA-101



Nano Spectrophotometer
SKU: BSNA-102



Nano Spectrophotometer
SKU: BSNA-103



Nano Spectrophotometer
SKU: BSNA-104

SPECTROPHOTOMETER

PORTABLE SPECTROCOLORIMETER

OVERVIEW

Portable spectrocolorimeters provide accurate color measurement in field or lab use. Models use D/8° optical geometry with 40 mm integrating spheres and combined LED (some with UV) illumination, and comply with standards such as CIE No. 15 and ASTM E1164.

Highlights

- D/8° optical geometry
- 40 mm integrating sphere
- LED illumination with UV
- Standards-compliant design

For Detailed Technical Info & Accessories

Scan to view detailed technical information & accessories, or visit the link below.

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Portable Spectrocolorimeter Series 100

Specification	Portable Spectrocolorimeter SKU: BPSP-1101	Portable Spectrocolorimeter SKU: BPSP-1102	Portable Spectrocolorimeter SKU: BPSP-1103	Portable Spectrocolorimeter SKU: BPSP-1104
Optical Geometry	D/8° (Diffuse illumination, 8° direction reception)	D/8°	D/8° (Diffuse illumination, 8° direction reception)	D/8° (Diffuse illumination, 8° direction reception)
Standards compliant	CIE No.15, GB/T 3978, GB 2893, GB/T 18833, ISO77241, ASTM E1164, DIN5033 Teil7	CIE No.15, GB/T 3978, GB 2893, GB/T 18833, ISO77241, ASTM E1164, DIN5033 Teil7	CIE No.15, GB/T 3978, GB 2893, GB/T 18833, ISO77241, ASTM E1164, DIN5033 Teil7	CIE No.15, GB/T 3978, GB 2893, GB/T 18833, ISO77241, ASTM E1164, DIN5033 Teil7
Integrating Sphere Size	Φ40 mm	Φ40 mm	Φ40 mm	Φ40 mm
Light Source Device	Combined LED Lamp, UV Lamp	Combined LED Lamp	Combined LED Lamp	Combined LED Lamp
Spectroscopic Method	Flat grating	Flat grating	Flat grating	Flat grating



Portable Spectrocolorimeter
SKU: BPSP-1101



Portable Spectrocolorimeter
SKU: BPSP-1102



Portable Spectrocolorimeter
SKU: BPSP-1103



Portable Spectrocolorimeter
SKU: BPSP-1104

SPECTROPHOTOMETER

REFRACTOMETER

OVERVIEW

Automatic refractometers measure the refractive index and sugar concentration of liquids. They cover a wide index range of 1.3000–1.7000 and 0–100 % Brix with high resolution and precision to ±0.0001 for reliable quality control.

Highlights

- 1.3000–1.7000 nD range
- 0–100 % Brix
- High resolution
- ±0.0001 accuracy

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Refractometer Series 100

Specification	Refractometer SKU: BREF-101	Refractometer SKU: BREF-102
Refractive index measuring range (nD)	1.30000-1.70000	1.3000-1.7000
Measured value error (nD)	±0.0001	±0.0002
Measurement resolution (nD)	0.00001 / 0.0001 (optional)	0.0001
Scope of sugar solution mass fraction (Brix)	0-100%	0-100%
Measured value error (Brix)	±0.1%	±0.1%



Refractometer
SKU: BREF-101



Refractometer
SKU: BREF-102

SPECTROPHOTOMETER

SCANNING UV VISIBLE SPECTROPHOTOMETER

OVERVIEW

Scanning UV-visible spectrophotometers provide single-beam or split double-beam optics with grating monochromators. They scan a broad 190–1100 nm wavelength range, offer adjustable spectral bandwidths and deliver wavelength accuracy down to ±0.3 nm for reliable absorbance measurements.

Highlights

- Single/double-beam optics
- 190–1100 nm range
- Variable bandwidth
- ±0.3 nm accuracy

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Scanning UV Visible Spectrophotometer Series 100

Specification	Scanning UV Visible Spectrophotometer SKU: BSSUB-101	Scanning UV Visible Spectrophotometer SKU: BSSUB-101-PC
Wavelength Range	190-1100 nm	190-1100 nm
Wavelength Accuracy	±0.3 nm	±0.3 nm
Wavelength Repeatability	0.2 nm	0.2 nm
Spectral Bandwidth	1.8 nm	0.5/1/2/4/5 nm variable
Photometric Range	0.200 %T, -0.3-3.0 A	0.200 %T, -0.3-3.0 A



Scanning UV Visible Spectrophotometer
SKU: BSSUB-101



Scanning UV Visible Spectrophotometer
SKU: BSSUB-101-PC

Scanning UV Visible Spectrophotometer Series 200

Specification	Scanning UV Visible Spectrophotometer SKU: BFU-1301	Scanning UV Visible Spectrophotometer SKU: BFU-1302	Scanning UV Visible Spectrophotometer SKU: BFU-1305
Optical System	Single Beam, Grating 1200 lines/mm	Single Beam, Grating 1200 lines/mm	Single Beam, Grating 1200 lines/mm
Wavelength Range	190-1100nm	191-1100nm	340-1050nm
Spectral Bandwidth	2 nm	3 nm	4 nm
Wavelength Accuracy	±0.3 nm	±0.5 nm	1 nm
Photometric Accuracy	0.3%T	0.5%T	0.5%T



Scanning UV Visible Spectrophotometer
SKU: BFU-1301



Scanning UV Visible Spectrophotometer
SKU: BFU-1302



Scanning UV Visible Spectrophotometer
SKU: BFU-1305

Scanning UV Visible Spectrophotometer Series 200

Specification	Scanning UV Visible Spectrophotometer SKU: BFU-1303
Optical System	Single Beam, Grating 1200 lines/mm
Wavelength Range	192-1100nm
Spectral Bandwidth	4 nm
Wavelength Accuracy	1 nm
Photometric Repeatability	0.2%T



Scanning UV Visible Spectrophotometer
SKU: BFU-1303

Scanning UV Visible Spectrophotometer Series 200

Specification	Scanning UV Visible Spectrophotometer SKU: BFU-1304
Optical System	Single Beam, Grating 1200 lines/mm
Wavelength Range	320-1100nm
Wavelength Accuracy	±0.5 nm
Photometric Accuracy	0.3%T
Photometric Repeatability	0.2%T



Scanning UV Visible Spectrophotometer
SKU: BFU-1304

Scanning UV Visible Spectrophotometer Series 300

TABLE 1 OF 2

Specification	Scanning UV Visible Spectrophotometer SKU: BHV-301	Scanning UV Visible Spectrophotometer SKU: BHV-304	Scanning UV Visible Spectrophotometer SKU: BHV-308	Scanning UV Visible Spectrophotometer SKU: BHV-501	Scanning UV Visible Spectrophotometer SKU: BHV-601
Wavelength Range	320-1100 nm	320-1100 nm	190-1100 nm	190-1100 nm	190-1100 nm
Spectral Bandwidth	4 nm	4 nm	0.5/1/2/4/5 nm	2 nm	1 nm
Optical System	Single Beam, Grating 1200 lines/mm	Single Beam, Grating 1200 lines/mm	Single Beam, Grating 1200 lines/mm	Single Beam Grating 1200 lines/mm	Single Beam Grating 1200 lines/mm
Wavelength Accuracy	±0.5 nm	±0.5 nm	±0.3 nm	±0.5 nm	±0.3 nm
Wavelength Repeatability	0.3 nm	0.3 nm	0.2 nm	0.3 nm	0.2 nm



Scanning UV Visible Spectrophotometer
SKU: BHV-301



Scanning UV Visible Spectrophotometer
SKU: BHV-304



Scanning UV Visible Spectrophotometer
SKU: BHV-308



Scanning UV Visible Spectrophotometer
SKU: BHV-501



Scanning UV Visible Spectrophotometer
SKU: BHV-601

Scanning UV Visible Spectrophotometer Series 300

TABLE 2 OF 2

Specification	Scanning UV Visible Spectrophotometer SKU: BSSCU-101	Scanning UV Visible Spectrophotometer SKU: BSSCU-102	Scanning UV Visible Spectrophotometer SKU: BSSNU-101	Scanning UV Visible Spectrophotometer SKU: BSSNU-102	Scanning UV Visible Spectrophotometer SKU: BSSNU-103
Wavelength Range	190-1100 nm	190-1100 nm	190-1100 nm	190-1100 nm	190-1100 nm
Spectral Bandwidth	4 nm	2 nm	4 nm	2 nm	1.8 nm
Optical System	Single Beam, Grating 1200 lines/mm	Single Beam, Grating 1200 lines/mm	Single Beam, Grating 1200 lines/mm	Single Beam, Grating 1200 lines/mm	Single Beam, Grating 1200 lines/mm
Wavelength Accuracy	±0.5 nm	±0.5 nm	±0.5 nm	±0.5 nm	±0.3 nm
Wavelength Repeatability	0.3 nm	0.3 nm	0.3 nm	0.3 nm	0.2 nm



Scanning UV Visible Spectrophotometer
SKU: BSSCU-101



Scanning UV Visible Spectrophotometer
SKU: BSSCU-102



Scanning UV Visible Spectrophotometer
SKU: BSSNU-101



Scanning UV Visible Spectrophotometer
SKU: BSSNU-102



Scanning UV Visible Spectrophotometer
SKU: BSSNU-103

SPECTROPHOTOMETER

SINGLE BEAM UV VISIBLE SPECTROPHOTOMETER

OVERVIEW

Single-beam UV-visible spectrophotometers utilise 1200-line grating optics to cover wavelengths from roughly 190 to 1100 nm. Models provide spectral bandwidths of 2–6 nm, wavelength accuracy from ±0.5 nm to ±3 nm and some include C-T monochromators or touch-screen control for ease of use.

Highlights

- Single-beam design
- 190–1100 nm coverage
- 2–6 nm bandwidth
- ±0.5–3 nm accuracy

For Detailed Technical Info & Accessories

Scan to view detailed technical information & accessories, or visit the link below.

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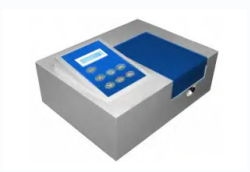
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Single Beam UV Visible Spectrophotometer Series 100

Specification	Single Beam UV Visible Spectrophotometer SKU: BSSBV-102	Single Beam UV Visible Spectrophotometer SKU: BSSUV-102
Wavelength Range	320-1100 nm	190-1100 nm
Wavelength Accuracy	±2 nm	±0.1 nm (656.1nm D2)
Wavelength Repeatability	±1 nm	±0.5 nm
Spectral Bandwidth	4 nm	2/4 nm
Photometric Range	-0.3 to 3 A	-0.3 to 3 A



Single Beam UV Visible Spectrophotometer
SKU: BSSBV-102



Single Beam UV Visible Spectrophotometer
SKU: BSSUV-102

Single Beam UV Visible Spectrophotometer Series 200

Specification	Single Beam UV Visible Spectrophotometer SKU: BEY-401	Single Beam UV Visible Spectrophotometer SKU: BSDBU-203-A	Single Beam UV Visible Spectrophotometer SKU: BSDBU-203-B	Single Beam UV Visible Spectrophotometer SKU: BSDBU-203-C
Wavelength Range	190-1100 nm	190-1100 nm	190-1100 nm	190-1100 nm
Bandwidth	1.8 nm	1.8 nm	1 nm	0.5 / 1 / 2 / 4 nm
Wavelength Accuracy	±0.5 nm	±0.1 nm at 656.1 nm, ±0.3 nm at all range	±0.1 nm at 656.1 nm, ±0.3 nm at all range	±0.1 nm at 656.1 nm, ±0.3 nm at all range
Wavelength Repeatability	≤0.2 nm	≤0.1 nm	≤0.1 nm	≤0.1 nm
Photometric Accuracy	±0.3%T (0-100%T)	±0.3%T (0-100%T)	±0.3%T (0-100%T)	±0.3%T (0-100%T)



Single Beam UV Visible Spectrophotometer
SKU: BEY-401



Single Beam UV Visible Spectrophotometer
SKU: BSDBU-203-A



Single Beam UV Visible Spectrophotometer
SKU: BSDBU-203-B



Single Beam UV Visible Spectrophotometer
SKU: BSDBU-203-C

Single Beam UV Visible Spectrophotometer Series 200

Specification	Single Beam UV Visible Spectrophotometer SKU: BSSBV-201
Optical System	Single Beam, grating 1200 lines/mm
Wavelength Range	325-1000 nm
Spectral Bandwidth	4 nm
Wavelength Accuracy	±2 nm
Wavelength Repeatability	≤0.5 nm



Single Beam UV Visible Spectrophotometer
SKU: BSSBV-201

Single Beam UV Visible Spectrophotometer Series 200

Specification	Single Beam UV Visible Spectrophotometer SKU: BSSBV-202-A	Single Beam UV Visible Spectrophotometer SKU: BSSBV-202-B
Optical System	Single beam, grating 1200 lines/mm	Single beam, grating 1200 lines/mm
Wavelength Range	325-1000 nm	190-1000 nm
Bandwidth	2 nm	2 nm
Wavelength Accuracy	±2 nm	±2 nm
Wavelength Repeatability	≤0.5 nm	≤0.5 nm



Single Beam UV Visible Spectrophotometer
SKU: BSSBV-202-A



Single Beam UV Visible Spectrophotometer
SKU: BSSBV-202-B

Single Beam UV Visible Spectrophotometer Series 200

Specification	Single Beam UV Visible Spectrophotometer SKU: BSSBV-204-A	Single Beam UV Visible Spectrophotometer SKU: BSSBV-204-B
Wavelength Range	320-1100 nm	190-1100 nm
Bandwidth	2 nm	2 nm
Wavelength Accuracy	±0.5 nm	±0.5 nm
Wavelength Repeatability	≤0.2 nm	≤0.2 nm
Wavelength Setting	Automatically	Automatically



Single Beam UV Visible Spectrophotometer
SKU: BSSBV-204-A



Single Beam UV Visible Spectrophotometer
SKU: BSSBV-204-B

Single Beam UV Visible Spectrophotometer Series 200

Specification	Single Beam UV Visible Spectrophotometer SKU: BSSBV-206
Optical System	Single Beam
Light Source	W Lamp & D2 Lamp
Wavelength Range	190-1100nm
Bandwidth	1.8nm
Display	7-inch Touch Screen



Single Beam UV Visible Spectrophotometer
SKU: BSSBV-206

Single Beam UV Visible Spectrophotometer Series 300

Specification	Single Beam UV Visible Spectrophotometer SKU: BSNA-401	Single Beam UV Visible Spectrophotometer SKU: BSNA-402	Single Beam UV Visible Spectrophotometer SKU: BSNA-403
Test sample capacity	0.5~2μl	0.5~2μl	0.5~2μl
Light source	Xenon lamp	Xenon lamp	Xenon lamp
Detector	2048 linear CCD array	2048 linear CCD array	2048 linear CCD array
Optical path	≤0.7mm	≤0.7mm	≤0.7mm
Wavelength range	200~850nm	200~850nm	200~850nm



Single Beam UV Visible Spectrophotometer
SKU: BSNA-401



Single Beam UV Visible Spectrophotometer
SKU: BSNA-402



Single Beam UV Visible Spectrophotometer
SKU: BSNA-403

Single Beam UV Visible Spectrophotometer Series 400

TABLE 1 OF 3

Specification	Single Beam UV Visible Spectrophotometer SKU: BFU-101	Single Beam UV Visible Spectrophotometer SKU: BFU-102	Single Beam UV Visible Spectrophotometer SKU: BFU-103	Single Beam UV Visible Spectrophotometer SKU: BFU-104	Single Beam UV Visible Spectrophotometer SKU: BFU-501
Optical System	Single Beam, Grating 1200 lines/mm	Single Beam, Grating 1200 lines/mm	Single Beam, Grating 1200 lines/mm	Single Beam, Grating 1200 lines/mm	Single Beam, Grating 1200 lines/mm
Wavelength Range	320-1100 nm	320-1100 nm	190-1100 nm	190-1100 nm	190-1100 nm
Spectral Bandwidth	2nm	2nm	1nm	0.1/0.2/0.5/1/2/4/5nm	2nm
Wavelength Accuracy	±0.1nm@656.1nm, ±0.3nm@all	±0.1nm@656.1nm, ±0.3nm@all	±0.1nm@656.1nm, ±0.3nm@all	±0.1nm@656.1nm, ±0.3nm@all	±0.1nm@656.1nm, ±0.3nm@all
Photometric Accuracy	±0.2%T(0~100%T), ±0.0005A(0-0.5A), ±0.0008A(0.5-1A)	±0.2%T(0~100%T), ±0.0005A(0-0.5A), ±0.0008A(0.5-1A)	±0.2%T(0~100%T), ±0.0005A(0-0.5A), ±0.0008A(0.5-1A)	±0.2%T(0~100%T), ±0.0005A(0-0.5A), ±0.0008A(0.5-1A)	0.2%T(0~100%T), ±0.002A(0-0.5A), ±0.004A(0.5-1A)



Single Beam UV Visible Spectrophotometer
SKU: BFU-101



Single Beam UV Visible Spectrophotometer
SKU: BFU-102



Single Beam UV Visible Spectrophotometer
SKU: BFU-103



Single Beam UV Visible Spectrophotometer
SKU: BFU-104



Single Beam UV Visible Spectrophotometer
SKU: BFU-501

Single Beam UV Visible Spectrophotometer Series 400

TABLE 2 OF 3

Specification	Single Beam UV Visible Spectrophotometer SKU: BFU-502	Single Beam UV Visible Spectrophotometer SKU: BFU-503	Single Beam UV Visible Spectrophotometer SKU: BFU-601	Single Beam UV Visible Spectrophotometer SKU: BFU-701	Single Beam UV Visible Spectrophotometer SKU: BFU-1401
Optical System	Single Beam, Grating 1200 lines/mm	Single Beam, Grating 1200 lines/mm	Single Beam, Grating 1200 lines/mm	Single Beam, Grating 1200 lines/mm	Single Beam, Grating 1200 lines/mm
Wavelength Range	190-1100 nm	190-1100 nm	190-1100 nm	190-1100 nm	190-1000nm
Spectral Bandwidth	1nm	0.5/1/2/4/5nm	2nm	2nm	2 nm
Wavelength Accuracy	±0.1nm@656.1nm, ±0.3nm@all	±0.1nm@656.1nm, ±0.3nm@all	±0.1nm @656.1nm	±0.1nm @656.1nm	1nm
Photometric Accuracy	0.2%T(0~100%T), ±0.002A(0-0.5A), ±0.004A(0.5-1A)	0.2%T(0~100%T), ±0.002A(0-0.5A), ±0.004A(0.5-1A)	0.2%T(0~100%T), ±0.002A(0-0.5A), ±0.004A(0.5-1A)	0.2%T(0~100%T), ±0.002A(0-0.5A), ±0.004A(0.5-1A)	0.5%T



Single Beam UV Visible Spectrophotometer
SKU: BFU-502



Single Beam UV Visible Spectrophotometer
SKU: BFU-503



Single Beam UV Visible Spectrophotometer
SKU: BFU-601



Single Beam UV Visible Spectrophotometer
SKU: BFU-701



Single Beam UV Visible Spectrophotometer
SKU: BFU-1401

Single Beam UV Visible Spectrophotometer Series 400

TABLE 3 OF 3

Specification	Single Beam UV Visible Spectrophotometer SKU: BFU-1402
Optical System	Single Beam, Grating 1200 lines/mm
Wavelength Range	190-1000nm
Spectral Bandwidth	4 nm
Wavelength Accuracy	1nm
Photometric Accuracy	0.5%T



Single Beam UV Visible Spectrophotometer
SKU: BFU-1402

Single Beam UV Visible Spectrophotometer Series 400

TABLE 1 OF 3

Specification	Single Beam UV Visible Spectrophotometer SKU: BFU-205	Single Beam UV Visible Spectrophotometer SKU: BFU-206	Single Beam UV Visible Spectrophotometer SKU: BFU-208	Single Beam UV Visible Spectrophotometer SKU: BFU-209	Single Beam UV Visible Spectrophotometer SKU: BFU-1201
Optical System	Single Beam, Grating 1200 lines/mm	Single Beam, Grating 1200 lines/mm	Double Beam, Grating 1200 lines/mm	Double Beam, Grating 1200 lines/mm	Single Beam, Grating 1200 lines/mm
Wavelength Range	190-1100 nm	190-1100 nm	190-1100 nm	190-1100 nm	190-1100 nm
Spectral Bandwidth	2nm	1nm	2nm	1nm	2nm
Wavelength Accuracy	±0.3nm	±0.3nm	±0.3nm	±0.3nm	0.5nm
Wavelength Repeatability	±0.1nm	±0.1nm	±0.1nm	±0.1nm	0.2 nm



Single Beam UV Visible Spectrophotometer
SKU: BFU-205



Single Beam UV Visible Spectrophotometer
SKU: BFU-206



Single Beam UV Visible Spectrophotometer
SKU: BFU-208



Single Beam UV Visible Spectrophotometer
SKU: BFU-209



Single Beam UV Visible Spectrophotometer
SKU: BFU-1201

Single Beam UV Visible Spectrophotometer Series 400

TABLE 2 OF 3

Specification	Single Beam UV Visible Spectrophotometer SKU: BFU-1202	Single Beam UV Visible Spectrophotometer SKU: BFU-1203	Single Beam UV Visible Spectrophotometer SKU: BFU-1501	Single Beam UV Visible Spectrophotometer SKU: BFU-1601	Single Beam UV Visible Spectrophotometer SKU: BFU-1602
Optical System	Single Beam, Grating 1200 lines/mm	Single Beam, Grating 1200 lines/mm	Single Beam, Grating 1200 lines/mm	Single Beam, Grating 1200 lines/mm	Single Beam, Grating 1200 lines/mm
Wavelength Range	190-1100 nm	190-1100 nm	320-1020nm	350-1020 nm	320-1020 nm
Spectral Bandwidth	1nm	0.5/1/2/4/5nm	4nm	6 nm	5 nm
Wavelength Accuracy	±0.1nm@656.1nm, ±0.3nm@all	±0.1nm@656.1nm, ±0.3nm@all	±2nm	±3 nm	±2 nm
Wavelength Repeatability	0.1nm	0.1nm	≤1nm	1nm	1nm



Single Beam UV Visible Spectrophotometer
SKU: BFU-1202



Single Beam UV Visible Spectrophotometer
SKU: BFU-1203



Single Beam UV Visible Spectrophotometer
SKU: BFU-1501



Single Beam UV Visible Spectrophotometer
SKU: BFU-1601



Single Beam UV Visible Spectrophotometer
SKU: BFU-1602

Single Beam UV Visible Spectrophotometer Series 400

TABLE 3 OF 3

Specification	Single Beam UV Visible Spectrophotometer SKU: BFU-1604
Optical System	Single Beam, Grating 1200 lines/mm
Wavelength Range	195-1020 nm
Spectral Bandwidth	5 nm
Wavelength Accuracy	±2 nm
Wavelength Repeatability	1nm



Single Beam UV Visible Spectrophotometer
SKU: BFU-1604

Single Beam UV Visible Spectrophotometer Series 400

Specification	Single Beam UV Visible Spectrophotometer SKU: BFU-602
Wavelength Range	190-1100 nm
Spectral Bandwidth	1nm
Photometric Accuracy	0.2%T(0~100%T), ±0.002A(0-0.5A), ±0.004A(0.5-1A)
Photometric Repeatability	≤0.15%T (0-100%T), 0.001A(0-0.5A), 0.002A(0.5-1A)
Photometric Range	0-200%T, -0.3~3A, 0-9999C



Single Beam UV Visible Spectrophotometer
SKU: BFU-602

Single Beam UV Visible Spectrophotometer Series 400

Specification	Single Beam UV Visible Spectrophotometer SKU: BFU-603
Wavelength Range	190-1100 nm
Spectral Bandwidth	0.5/1/2/4/5nm
Wavelength Accuracy	±0.3nm @all
Photometric Accuracy	0.2%T(0~100%T), ±0.002A(0-0.5A), ±0.004A(0.5-1A)
Photometric Repeatability	≤0.15%T (0-100%T), 0.001A(0-0.5A), 0.002A(0.5-1A)



Single Beam UV Visible Spectrophotometer
SKU: BFU-603

Single Beam UV Visible Spectrophotometer Series 400

Specification	Single Beam UV Visible Spectrophotometer SKU: BFU-702
Optical System	Single Beam, Grating 1200 lines/mm
Wavelength Range	190-1100 nm
Spectral Bandwidth	1nm
Photometric Accuracy	0.2%T(0~100%T), ±0.002A(0-0.5A), ±0.004A(0.5-1A)
Photometric Repeatability	≤0.15%T (0-100%T), 0.001A(0-0.5A), 0.002A(0.5-1A)



Single Beam UV Visible Spectrophotometer
SKU: BFU-702

Single Beam UV Visible Spectrophotometer Series 400

TABLE 1 OF 2

Specification	Single Beam UV Visible Spectrophotometer SKU: BFU-801	Single Beam UV Visible Spectrophotometer SKU: BFU-802	Single Beam UV Visible Spectrophotometer SKU: BFU-901	Single Beam UV Visible Spectrophotometer SKU: BFU-902	Single Beam UV Visible Spectrophotometer SKU: BFU-1001
Optical System	Single Beam	Single Beam	Single Beam	Single Beam	Single Beam
Monochromator	C-T monochromator, Blazed Holographic Grating 1200lines/nm	C-T monochromator, Blazed Holographic Grating 1200lines/nm	C-T monochromator, Blazed Holographic Grating 1200lines/nm	C-T monochromator, Blazed Holographic Grating 1200lines/nm	C-T monochromator, Blazed Holographic Grating 1200 lines/nm
Wavelength Range	320-1100 nm	190-1100 nm	320-1100 nm	190-1100 nm	320-1020 nm
Spectral Bandwidth	2nm	2nm	4nm	4nm	4nm
Wavelength Setting	Auto	Auto	Auto	Auto	Manual



Single Beam UV Visible Spectrophotometer
SKU: BFU-801



Single Beam UV Visible Spectrophotometer
SKU: BFU-802



Single Beam UV Visible Spectrophotometer
SKU: BFU-901



Single Beam UV Visible Spectrophotometer
SKU: BFU-902



Single Beam UV Visible Spectrophotometer
SKU: BFU-1001

Single Beam UV Visible Spectrophotometer Series 400

TABLE 2 OF 2

Specification	Single Beam UV Visible Spectrophotometer SKU: BFU-1002
Optical System	Single Beam
Monochromator	C-T monochromator, Blazed Holographic Grating 1200 lines/nm
Wavelength Range	190-1020 nm
Spectral Bandwidth	4nm
Wavelength Setting	Manual



Single Beam UV Visible Spectrophotometer
SKU: BFU-1002

Single Beam UV Visible Spectrophotometer Series 400

Specification	Single Beam UV Visible Spectrophotometer SKU: BFU-1204
Optical System	Single Beam, Grating 1200 lines/mm
Wavelength Range	320-1100nm
Spectral Bandwidth	2nm
Wavelength Repeatability	0.2 nm
Photometric Accuracy	±0.5%T



Single Beam UV Visible Spectrophotometer
SKU: BFU-1204

Single Beam UV Visible Spectrophotometer Series 400

Specification	Single Beam UV Visible Spectrophotometer SKU: BFU-1502
Spectral Bandwidth	4nm
Wavelength Accuracy	±2nm
Wavelength Repeatability	≤1nm
Photometric Range	1-200%T, -0.3-3.0A, 0-9999C
Photometric Accuracy	1.5%T



Single Beam UV Visible Spectrophotometer
SKU: BFU-1502

Single Beam UV Visible Spectrophotometer Series 400

Specification	Single Beam UV Visible Spectrophotometer SKU: BFU-1503
Wavelength Range	190-1020nm
Spectral Bandwidth	2nm
Wavelength Accuracy	±2nm
Wavelength Repeatability	≤1nm
Photometric Range	2-200%T, -0.3-3.0A, 0-9999C



Single Beam UV Visible Spectrophotometer
SKU: BFU-1503

Single Beam UV Visible Spectrophotometer Series 500

Specification	Single Beam UV Visible Spectrophotometer SKU: BSSBV-401	Single Beam UV Visible Spectrophotometer SKU: BSSUV-201	Single Beam UV Visible Spectrophotometer SKU: BSSUV-202
Wavelength Range	320-1100 nm	190-1000 nm	190-1100 nm
Bandwidth	2 nm	2 nm	1.8 nm
Wavelength Accuracy	±0.5 nm	±1 nm	±0.5 nm
Wavelength Reproducibility	≤0.2 nm	≤0.3 nm	≤0.2 nm
Photometric Accuracy	±0.3 %T	±0.5 %T	±0.3 %T



Single Beam UV Visible Spectrophotometer
SKU: BSSBV-401



Single Beam UV Visible Spectrophotometer
SKU: BSSUV-201



Single Beam UV Visible Spectrophotometer
SKU: BSSUV-202

Single Beam UV Visible Spectrophotometer Series 600

TABLE 1 OF 3

Specification	Single Beam UV Visible Spectrophotometer SKU: BSSBV-302	Single Beam UV Visible Spectrophotometer SKU: BSSBV-303	Single Beam UV Visible Spectrophotometer SKU: BSSBV-303-PC	Single Beam UV Visible Spectrophotometer SKU: BSSBV-304	Single Beam UV Visible Spectrophotometer SKU: BSSBV-304-PC
Wavelength Range	325-1000 nm	320-1100 nm	320-1100 nm	320-1100 nm	320-1100 nm
Spectral Bandwidth	4 nm	4 nm	4 nm	2 nm	2 nm
Optical System	Single Beam, Grating 1200 lines/mm	Single Beam, Grating 1200 lines/mm	Single Beam, Grating 1200 lines/mm	Single Beam, Grating 1200 lines/mm	Single Beam, Grating 1200 lines/mm
Wavelength Accuracy	±2 nm	±0.5 nm	±0.5 nm	±0.5 nm	±0.5 nm
Wavelength Repeatability	0.8 nm	0.3 nm	0.3 nm	0.3 nm	0.3 nm



Single Beam UV Visible Spectrophotometer
SKU: BSSBV-302



Single Beam UV Visible Spectrophotometer
SKU: BSSBV-303



Single Beam UV Visible Spectrophotometer
SKU: BSSBV-303-PC



Single Beam UV Visible Spectrophotometer
SKU: BSSBV-304



Single Beam UV Visible Spectrophotometer
SKU: BSSBV-304-PC

Single Beam UV Visible Spectrophotometer Series 600

TABLE 2 OF 3

Specification	Single Beam UV Visible Spectrophotometer SKU: BSSUV-301	Single Beam UV Visible Spectrophotometer SKU: BSSUV-302	Single Beam UV Visible Spectrophotometer SKU: BSSUV-303	Single Beam UV Visible Spectrophotometer SKU: BSSUV-303-PC	Single Beam UV Visible Spectrophotometer SKU: BSSUV-304
Wavelength Range	200-1000 nm	200-1000 nm	190-1100 nm	190-1100 nm	190-1100 nm
Spectral Bandwidth	4 nm	4 nm	4 nm	4 nm	2 nm
Optical System	Single Beam, Grating 1200 lines/mm	Single Beam, Grating 1200 lines/mm	Single Beam, Grating 1200 lines/mm	Single Beam, Grating 1200 lines/mm	Single Beam, Grating 1200 lines/mm
Wavelength Accuracy	±2 nm	±2 nm	±0.5 nm	±0.5 nm	±0.5 nm
Wavelength Repeatability	1 nm	0.8 nm	0.3 nm	0.3 nm	0.3 nm



Single Beam UV Visible Spectrophotometer
SKU: BSSUV-301



Single Beam UV Visible Spectrophotometer
SKU: BSSUV-302



Single Beam UV Visible Spectrophotometer
SKU: BSSUV-303



Single Beam UV Visible Spectrophotometer
SKU: BSSUV-303-PC



Single Beam UV Visible Spectrophotometer
SKU: BSSUV-304

Single Beam UV Visible Spectrophotometer Series 600

TABLE 3 OF 3

Specification	Single Beam UV Visible Spectrophotometer SKU: BSSUV-304-PC
Wavelength Range	190-1100 nm
Spectral Bandwidth	2 nm
Optical System	Single Beam, Grating 1200 lines/mm
Wavelength Accuracy	±0.5 nm
Wavelength Repeatability	0.3 nm



Single Beam UV Visible Spectrophotometer
SKU: BSSUV-304-PC

SPECTROPHOTOMETER

SPECTRODENSITOMETER

OVERVIEW

Series of spectrodensitometers using 45°/0° optical geometry with concave grating and combined LED illumination (some models include UV). They comply with ISO 54 and CIE standards and measure color density and spectrum with stable performance.

Highlights

- 45°/0° geometry
- Combined LED lamp
- Concave grating optics
- ISO and CIE compliant

For Detailed Technical Info & Accessories

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CATALOG LINK

https://biolabscientific.com/content/catalogs/2515-Catalog-Biolab.pdf

Spectrodensitometer Series 100

Specification	Spectrodensitometer SKU: BSDM-1301	Spectrodensitometer SKU: BSDM-1302	Spectrodensitometer SKU: BSDM-1303	Spectrodensitometer SKU: BSDM-1304
Optical Geometry	45/0 (45° ringshaped illumination, 0° viewing angle)	45/0 (45° ringshaped illumination, 0° viewing angle)	45/0 (45° ringshaped illumination, 0° viewing angle)	45/0 (45° ringshaped illumination, 0° viewing angle)
Standards compliant	ISO 54, CIE No.15	ISO 54, CIE No.15	ISO 54, CIE No.15	ISO 54, CIE No.15
Illuminant (source)	Combined LED Light, UV Light	Combined LED Light, UV Light	Combined LED Light	Combined LED Light
Spectral mode	Concave Grating	Concave Grating	Concave Grating	Concave Grating
Sensor	256 Image Element Double Array CMOS Image Sensor	256 Image Element Double Array CMOS Image Sensor	256 Image Element Double Array CMOS Image Sensor	256 Image Element Double Array CMOS Image Sensor



Spectrodensitometer
SKU: BSDM-1301



Spectrodensitometer
SKU: BSDM-1302



Spectrodensitometer
SKU: BSDM-1303



Spectrodensitometer
SKU: BSDM-1304

SPECTROPHOTOMETER

SPLIT BEAM UV VISIBLE SPECTROPHOTOMETER

OVERVIEW

Split-beam UV–Vis spectrophotometers featuring a wavelength range of 190–1100 nm with ±0.5 nm accuracy and ±0.2 nm repeatability. Models offer selectable spectral bandwidths of 1.8 nm or 4 nm to support precise quantitative and qualitative analysis.

Highlights

- Split-beam design
- 190–1100 nm range
- ±0.5 nm accuracy
- Variable bandwidth

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Split Beam UV Visible Spectrophotometer Series 100

Specification	Split Beam UV Visible Spectrophotometer SKU: BSSBU-101	Split Beam UV Visible Spectrophotometer SKU: BSSBU-101-PC
Wavelength Range	190-1100 nm	190-1100 nm
Wavelength Accuracy	±0.5 nm	±0.5 nm
Wavelength Repeatability	±0.2 nm	±0.2 nm
Spectral Bandwidth	1.8 nm or 4 nm optional	1.8 nm or 4 nm optional
Photometric Range	0-200 %T; -0.3-3.0 A; -9999-9999 C	0-200 %T; -0.3-3.0 A; -9999-9999 C



Split Beam UV Visible Spectrophotometer
SKU: BSSBU-101



Split Beam UV Visible Spectrophotometer
SKU: BSSBU-101-PC

STERILIZER

BACTI-CINERATOR STERILIZER

OVERVIEW

Bacti-cinerator sterilizers provide flameless sterilization of inoculating tools in a ceramic heating chamber. Models reach central temperatures around 825 °C with low-level temperatures near 480 °C, heat to maximum in about 20 minutes and accommodate tools up to 14–35 mm diameter.

Highlights

- 825 °C center
- Flameless sterilization
- 20 min heat-up
- 14–35 mm diameter

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https://biolabscientific.com/content/catalogs/5201-Catalog-Biolab.pdf

Bacti-cinerator Sterilizer Series 100

Specification	Bacti-cinerator Sterilizer SKU: BSTE-101	Bacti-cinerator Sterilizer SKU: BSTE-102
Center Max. Temp.	825°C±50°C	825°C±50°C
Low Level Temp.	480°C	480°C
Heating Speed	20min (to max. temp.)	20min (to max. temp.)
Max. Sterilize Diameter	Φ35mm	Φ14mm
Heating Element Length	100mm	140mm



Bacti-cinerator Sterilizer
SKU: BSTE-101



Bacti-cinerator Sterilizer
SKU: BSTE-102

STERILIZER

GLASS BEAD STERILIZER

OVERVIEW

Compact glass bead sterilizers quickly disinfect small instruments using heated glass beads. A digital display allows temperature settings between 100 °C and 300 °C with ±5 °C stability. Lightweight construction and simple operation make them suitable for clean bench applications.

Highlights

- High-temperature sterilization
- Digital temperature display
- Compact portable design
- Suitable for small tools

For Detailed Technical Info & Accessories

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https://biolabscientific.com/content/catalogs/5202-Catalog-Biolab.pdf

Glass Bead Sterilizer Series 100

Specification	Glass Bead Sterilizer SKU: BSTE-201	Glass Bead Sterilizer SKU: BSTE-202
Temp. Control Range	100°C~300°C	100°C~300°C
Temp. Stability	±5°C	±5°C
Heating Speed	≤25min	≤25min
Heating Well Volume (diameterxdepth)	Φ40 x 150mm	Φ40 x 80mm
Glass Beads Capacity	600g	300g



Glass Bead Sterilizer
SKU: BSTE-201



Glass Bead Sterilizer
SKU: BSTE-202

STIRRER

HOTPLATE

OVERVIEW

Hotplates offer continuous, high-temperature heating for laboratory tasks with plates made from ceramic coated metal or glass ceramic. Models provide uniform heat up to around 320–550 °C, various plate sizes, and digital or analog controls for precise temperature adjustment.

Highlights

- Continuous heating
- Up to 320–550 °C
- Ceramic or glass plates
- Digital or analog control

For Detailed Technical Info & Accessories

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https://biolabscientific.com/content/catalogs/2905-Catalog-Biolab.pdf

Hotplate Series 100

TABLE 1 OF 2

Specification	Hotplate SKU: BER-4901	Hotplate SKU: BER-4902	Hotplate SKU: BER-4903	Hotplate SKU: BER-4904	Hotplate SKU: BER-4905
Working Time	Continuous	Continuous	Continuous	Continuous	Continuous
Max Temp. (°C)	350°C	350°C	350°C	350°C	350°C
Outer Shell	Iron plate welding, surface spraying	Iron plate welding, surface spraying	Iron plate welding, surface spraying	Iron plate welding, surface spraying	Iron plate welding, surface spraying
Hot Plate	Aluminum tensile	Aluminum tensile	Aluminum tensile	Aluminum tensile	Aluminum tensile
Heating Power(W)	1200	1800	2000	2600	3000



Hotplate
SKU: BER-4901



Hotplate
SKU: BER-4902



Hotplate
SKU: BER-4903



Hotplate
SKU: BER-4904



Hotplate
SKU: BER-4905

Hotplate Series 100

TABLE 2 OF 2

Specification	Hotplate SKU: BER-4906	Hotplate SKU: BER-4907	Hotplate SKU: BER-4908	Hotplate SKU: BER-4909	Hotplate SKU: BER-4910
Working Time	Continuous	Continuous	Continuous	Continuous	Continuous
Max Temp. (°C)	350°C	350°C	350°C	350°C	350°C
Outer Shell	Iron plate welding, surface spraying	Iron plate welding, surface spraying	Iron plate welding, surface spraying	Iron plate welding, surface spraying	Iron plate welding, surface spraying
Hot Plate	Aluminum tensile	Aluminum tensile	Aluminum tensile	Aluminum tensile	Aluminum tensile
Heating Power(W)	1200	1800	2000	2600	3000



Hotplate
SKU: BER-4906



Hotplate
SKU: BER-4907



Hotplate
SKU: BER-4908



Hotplate
SKU: BER-4909



Hotplate
SKU: BER-4910

Hotplate Series 100

TABLE 1 OF 2

Specification	Hotplate SKU: BER-5001	Hotplate SKU: BER-5002	Hotplate SKU: BER-5003	Hotplate SKU: BER-5004	Hotplate SKU: BER-5005
Max Temp. (°C)	320°C	350°C	400°C	320°C	350°C
Outer Shell	Iron plate welding, surface spraying	Iron plate welding, surface spraying	Iron plate welding, surface spraying	Iron plate welding, surface spraying	Iron plate welding, surface spraying
Hot plate	Aluminum tensile	Aluminum tensile	Graphite Plate	Aluminum tensile	Aluminum tensile
Heating Power (W)	800	1200	1800	1500	2400
Setting Method	Scale	Digital	Digital	Scale	Digital



Hotplate
SKU: BER-5001



Hotplate
SKU: BER-5002



Hotplate
SKU: BER-5003



Hotplate
SKU: BER-5004



Hotplate
SKU: BER-5005

Hotplate Series 100

TABLE 2 OF 2

Specification	Hotplate SKU: BER-5006	Hotplate SKU: BER-5007	Hotplate SKU: BER-5008	Hotplate SKU: BER-5009
Max Temp. (°C)	400°C	320°C	350°C	400°C
Outer Shell	Iron plate welding, surface spraying	Iron plate welding, surface spraying	Iron plate welding, surface spraying	Iron plate welding, surface spraying
Hot plate	Graphite Plate	Aluminum tensile	Aluminum tensile	Graphite Plate
Heating Power (W)	3000	2200	3500	4500
Setting Method	Digital	Scale	Digital	Digital



Hotplate
SKU: BER-5006



Hotplate
SKU: BER-5007



Hotplate
SKU: BER-5008



Hotplate
SKU: BER-5009

Hotplate Series 200

Specification	Hotplate SKU: BHMS-113
Work plate Dimension [W x D]	184x184mm (7 inch)
Work plate material	Glass ceramic
Heating position	1
Heating temperature range	Room Temp.-550°C, increment 5°C
Control accuracy of work plate	±10°C



Hotplate
SKU: BHMS-113

Hotplate Series 200

Specification	Hotplate SKU: BHTL-101
Work plate Dimension [W x D]	140x140mm (6 inch)
Work plate material	Aluminum cover with ceramic coating
Heating position	1
Heating temperature range	Room temp.-380°C increment 1°C
Over heat Protection	420°C



Hotplate
SKU: BHTL-101

Hotplate Series 200

Specification	Hotplate SKU: BHTL-102
Work plate Dimension [W x D]	254x254mm (10 inch)
Work plate material	Glass ceramic
Heating position	1
Heating temperature range	Room Temp.-500°C, increment 1°C
Temperature control accuracy	±1°C (100°C)



Hotplate
SKU: BHTL-102

STIRRER

HOTPLATE MAGNETIC STIRRER

OVERVIEW

Hotplate magnetic stirrers combine heating and stirring for mixing and reaction processes. They feature brushless DC motors for variable speed control up to about 1800 rpm, adjustable heating to roughly 340 °C, and durable stainless-steel or ceramic work plates in several sizes with either analog or digital displays.

Highlights

- Integrated heating and stirring
- Variable speed control
- Adjustable temperature
- Stainless or ceramic plates

For Detailed Technical Info & Accessories

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HotPlate Magnetic Stirrer Series 100

Specification	HotPlate Magnetic Stirrer SKU: BMGS-202	HotPlate Magnetic Stirrer SKU: BMGS-203
Platform size	Φ137mm	Φ137mm
Platform Material	Enamel	Enamel
Speed Range	200~1200rpm	80~1800rpm
Temp. Range	R.T. +5°C~340°C	R.T. +5°C~340°C
Temp. setting range	30°C~340°C	30°C~340°C



HotPlate Magnetic Stirrer
SKU: BMGS-202



HotPlate Magnetic Stirrer
SKU: BMGS-203

HotPlate Magnetic Stirrer Series 200

Specification	HotPlate Magnetic Stirrer SKU: BHMS-101	HotPlate Magnetic Stirrer SKU: BHMS-104	HotPlate Magnetic Stirrer SKU: BHMS-105	HotPlate Magnetic Stirrer SKU: BHMS-106
Work plate Dimension [W x D]	Ø135mm (5 inch)	Ø135mm (5 inch)	Ø135mm (5 inch)	Ø135mm (5 inch)
Work plate material	stainless steel cover with ceramic coating	stainless steel cover with ceramic coating	stainless steel cover with ceramic coating	stainless steel cover with ceramic coating
Motor type	Brushless DC motor	Brushless DC motor	Brushless DC motor	Brushless DC motor
Stirring positions	1	1	1	1
Max. stirring quantity, H2O (L)	20L	20L	3L	20L



HotPlate Magnetic Stirrer
SKU: BHMS-101



HotPlate Magnetic Stirrer
SKU: BHMS-104



HotPlate Magnetic Stirrer
SKU: BHMS-105



HotPlate Magnetic Stirrer
SKU: BHMS-106

HotPlate Magnetic Stirrer Series 200

Specification	HotPlate Magnetic Stirrer SKU: BHMS-102	HotPlate Magnetic Stirrer SKU: BHMS-103
Work plate Dimension [W x D]	184x184mm (7 inch)	184x184mm (7 inch)
Work plate material	Glass ceramic	Glass ceramic
Motor type	Brushless DC motor	Shaded pole motor
Stirring positions	1	1
Max. stirring quantity, [H2O]	20L	10L



HotPlate Magnetic Stirrer
SKU: BHMS-102



HotPlate Magnetic Stirrer
SKU: BHMS-103

HotPlate Magnetic Stirrer Series 200

Specification	HotPlate Magnetic Stirrer SKU: BHMS-109
Work plate size	Ø120mm
Work plate material	PET
Motor type	Brushless DC motor
Stirring position	1
Max. stirring quantity (H2O)	1.5L



HotPlate Magnetic Stirrer
SKU: BHMS-109

STIRRER

MAGNETIC STIRRER

OVERVIEW

Magnetic stirrers for cell culture offer gentle, low-shear mixing powered by a DC brushless motor. They feature stainless steel housings, color touch displays, programmable speed cycles from 5 to 200 rpm, and memory settings to support consistent cell growth conditions.

Highlights

- Precise speed control
- Programmable cycles
- Low-shear mixing
- Stainless steel housing

For Detailed Technical Info & Accessories

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Magnetic Stirrer Series 100

TABLE 1 OF 2

Specification	Magnetic Stirrer SKU: BER-3901	Magnetic Stirrer SKU: BER-3902	Magnetic Stirrer SKU: BER-3903	Magnetic Stirrer SKU: BER-3904	Magnetic Stirrer SKU: BER-3905
Max. Volume (ml)	-	2000	2000	-	5000
Speed (r.p.m)	-	100-2000	100-2000	-	100-2000
Working Time	Continuous	Continuous	Continuous	Continuous	Continuous
Minimum Revolution (r.p.m)	-	100	100	-	100
Max.Temp. (°C)	380	-	380	380	-



Magnetic Stirrer
SKU: BER-3901



Magnetic Stirrer
SKU: BER-3902



Magnetic Stirrer
SKU: BER-3903



Magnetic Stirrer
SKU: BER-3904



Magnetic Stirrer
SKU: BER-3905

Magnetic Stirrer Series 100

TABLE 2 OF 2

Specification	Magnetic Stirrer SKU: BER-3906
Max. Volume (ml)	5000
Speed (r.p.m)	100-2000
Working Time	Continuous
Minimum Revolution (r.p.m)	100
Max.Temp. (°C)	380



Magnetic Stirrer
SKU: BER-3906

Magnetic Stirrer Series 100

TABLE 1 OF 2

Specification	Magnetic Stirrer SKU: BER-3907	Magnetic Stirrer SKU: BER-3908	Magnetic Stirrer SKU: BER-3909	Magnetic Stirrer SKU: BER-3910	Magnetic Stirrer SKU: BER-3911
--Max. Volume (ml)	-	2000	2000	-	5000
Speed (r.p.m)	-	100-2000	100-2000	-	100-2000
Working Time	Continuous	Continuous	Continuous	Continuous	Continuous
Minimum Revolution (r.p.m)	-	100	100	-	100
Max.Temp. (°C)	380	-	380	380	-



Magnetic Stirrer
SKU: BER-3907



Magnetic Stirrer
SKU: BER-3908



Magnetic Stirrer
SKU: BER-3909



Magnetic Stirrer
SKU: BER-3910



Magnetic Stirrer
SKU: BER-3911

Magnetic Stirrer Series 100

TABLE 2 OF 2

Specification	Magnetic Stirrer SKU: BER-3912
--Max. Volume (ml)	5000
Speed (r.p.m)	100-2000
Working Time	Continuous
Minimum Revolution (r.p.m)	100
Max.Temp. (°C)	380



Magnetic Stirrer
SKU: BER-3912

Magnetic Stirrer Series 100

Specification	Magnetic Stirrer SKU: BER-4001	Magnetic Stirrer SKU: BER-4002	Magnetic Stirrer SKU: BER-4003	Magnetic Stirrer SKU: BER-4004	Magnetic Stirrer SKU: BER-4005
Mode	Heating	Stirring	Heating + Stirring	Digital + Heating + Stirring	Digital + Heating + Stirring
Max. Volume (ML)	-	5000	5000	5000	5000
Speed (r.p.m)	-	200-2000	200-2000	200-2000	200-2000
Working Time	Continuous	Continuous	Continuous	Continuous	Continuous
Minimum Revolution (R.P.M.)	-	200	200	200	200



Magnetic Stirrer
SKU: BER-4001



Magnetic Stirrer
SKU: BER-4002



Magnetic Stirrer
SKU: BER-4003



Magnetic Stirrer
SKU: BER-4004



Magnetic Stirrer
SKU: BER-4005

Magnetic Stirrer Series 100

Specification	Magnetic Stirrer SKU: BER-4201	Magnetic Stirrer SKU: BER-4202
Mode	With light	Without light
Max. Volume (ml)	1000	1000
Speed (r.p.m)	100 ~ 500 or 100 ~ 2000	100 ~ 500 or 100 ~ 2000
Working Time	Continuous	Continuous
Minimum Resolution (R.P.M.)	100	100



Magnetic Stirrer
SKU: BER-4201



Magnetic Stirrer
SKU: BER-4202

Magnetic Stirrer Series 200

Specification	Magnetic Stirrer SKU: BHMS-107	Magnetic Stirrer SKU: BMGS-201
Platform Size	154x163mm	Φ137mm
Platform material	Silicone Pad	Silicone pad
Speed Range	300~1200rpm	200~1600rpm
Timing Range	1min~99h59min	0~99h59min
Stirring Point Quantity	1	1



Magnetic Stirrer
SKU: BHMS-107



Magnetic Stirrer
SKU: BMGS-201

Magnetic Stirrer Series 200

Specification	Magnetic Stirrer SKU: BMGS-101
Platform Size	Φ88mm
Platform Material	Plastic
Speed Range	0~2500 rpm
Max. Capacity	250ml
Stirring bar Dimension	Φ8x46mm



Magnetic Stirrer
SKU: BMGS-101

Magnetic Stirrer Series 200

Specification	Magnetic Stirrer SKU: BMGS-104
Stirring Point Quantity	1
Max. Stir Capacity	3L
Speed Range	5~200rpm, step:1 rpm
Platform Material	stainless steel
Dimension	W.180xD.283xH.88mm



Magnetic Stirrer
SKU: BMGS-104

Magnetic Stirrer Series 200

Specification	Magnetic Stirrer SKU: BMGS-204
Max. stirring amount (H2O)	1L
Motor output power	3W
Speed adjustable range	20 ~ 1500rpm
Clockwise/counterclockwise stirring	45s/5s
Intermittent time	except single direction stirring



Magnetic Stirrer
SKU: BMGS-204

Magnetic Stirrer Series 300

Specification	Magnetic Stirrer SKU: BMGS-105	Magnetic Stirrer SKU: BMGS-108
Work plate Dimension [W x D]	Ø135mm (5 inch)	184x184mm (7 inch)
Work plate material	Stainless steel cover with ceramic	Glass ceramic
Motor type	Brushless DC motor	Shaded pole motor
Stirring positions	1	1
Max. stirring quantity [H2O]	20L	10L



Magnetic Stirrer
SKU: BMGS-105



Magnetic Stirrer
SKU: BMGS-108

Magnetic Stirrer Series 300

Specification	Magnetic Stirrer SKU: BMGS-106	Magnetic Stirrer SKU: BMGS-107
Work plate Dimension	Ø135mm (5 inch)	Ø135mm (5 inch)
Work plate material	Nylon+GF	Nylon+GF
Motor type	Brushless DC motor	Brushless DC motor
Stirring positions	1	1
Max. stirring quantity [H2O]	3L	3L



Magnetic Stirrer
SKU: BMGS-106



Magnetic Stirrer
SKU: BMGS-107

Magnetic Stirrer Series 300

Specification	Magnetic Stirrer SKU: BMGS-109
Work plate Dimension	Ø90mm
Work plate material	PET
Stirring positions	1
Max. stirring quantity[H2O]	0.8L
Max.magnetic bar[length]	40mm



Magnetic Stirrer
SKU: BMGS-109

Magnetic Stirrer Series 400

TABLE 1 OF 2

Specification	Magnetic Stirrer SKU: BGI-4601	Magnetic Stirrer SKU: BGI-4602	Magnetic Stirrer SKU: BGI-4603	Magnetic Stirrer SKU: BGI-4604	Magnetic Stirrer SKU: BGI-4605
Stirring capacity (H_2O)	3L	5L	12L	3L	5L
Liquid temp range	RT+5°C ~ 200°C	RT+5°C ~ 200°C	RT+5°C ~ 200°C	/	/
Working plate temp range	/	/	/	ambient+5°C ~320°C	ambient+5°C ~320°C
Speed range (rpm)	100~1600 (Optional 2000)	100~1600 (Optional 2000)	100~1600 (Optional 2000)	100~1600 (Optional 2000)	100~1600 (Optional 2000)
Temperature accuracy	±1%	±1%	±1%	±1%	±1%



Magnetic Stirrer
SKU: BGI-4601



Magnetic Stirrer
SKU: BGI-4602



Magnetic Stirrer
SKU: BGI-4603



Magnetic Stirrer
SKU: BGI-4604



Magnetic Stirrer
SKU: BGI-4605

Magnetic Stirrer Series 400

TABLE 2 OF 2

Specification	Magnetic Stirrer SKU: BGI-4606	Magnetic Stirrer SKU: BGI-4607	Magnetic Stirrer SKU: BGI-4608
Stirring capacity (H_2O)	15	10	15
Liquid temp range	/	/	/
Working plate temp range	ambient+5°C ~320°C	/	/
Speed range (rpm)	100~1600 (Optional 2000)	100~1600 (Optional 2000)	100~1600 (Optional 2000)
Temperature accuracy	±15°C	/	/



Magnetic Stirrer
SKU: BGI-4606



Magnetic Stirrer
SKU: BGI-4607



Magnetic Stirrer
SKU: BGI-4608

Magnetic Stirrer Series 400

Specification	Magnetic Stirrer SKU: BGI-4609	Magnetic Stirrer SKU: BGI-4610	Magnetic Stirrer SKU: BGI-4611
Stirring capacity (H_2O)	3L	3L	5L
Speed range (rpm)	100~1600 (Optional 2000)	100~1600 (Optional 2000)	100~1600 (Optional 2000)
Power	600W	600W	50W
Liquid temp range	RT+5 ~ 200°C	/	/
Working plate temp range	-	RT+5 ~ 320°C	-



Magnetic Stirrer
SKU: BGI-4609



Magnetic Stirrer
SKU: BGI-4610



Magnetic Stirrer
SKU: BGI-4611

STIRRER

MULTISTATION STIRRER

OVERVIEW

Multistation stirrers enable simultaneous mixing at multiple positions. These magnetic stirrers offer up to 4–15 stirring points with individual speeds up to 1,500 rpm, brushless DC motors and digital speed displays. Some models are waterproof, and hot-plate versions include heating ranges reaching approximately 340 °C.

Highlights

- Multiple stirring points
- Variable speed range
- Brushless motor drive
- Hotplate options

For Detailed Technical Info & Accessories

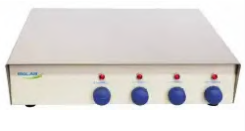
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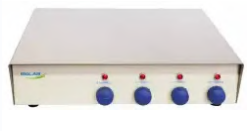
https://biolabscientific.com/content/catalogs/2904-Catalog-Biolab.pdf

Multistation Stirrer Series 100

Specification	Multistation Stirrer SKU: BER-4301	Multistation Stirrer SKU: BER-4302
Max. Volume (ml)	1000ml*4	3000ml*4
Speed (r.p.m)	100 ~ 2000	100 ~ 2000
Working Time	Continuous	Continuous
Minimum Resolution	100	100
Exterior	Cold plate spraying, stainless steel plate	Cold plate spraying, stainless steel plate



Multistation Stirrer
SKU: BER-4301



Multistation Stirrer
SKU: BER-4302

Multistation Stirrer Series 200

Specification	Multistation Stirrer SKU: BFA-6401	Multistation Stirrer SKU: BFA-6402
Type	Controller	Stirrer
Max. stirring volume (H2O)	-	1L
Motor output power	-	4W
Speed setting (running) range	20-1500rpm (increment 10)	(20-1500rpm)
Timing range	0-9 hours (0 means infinity, increment 5min)	-



Multistation Stirrer
SKU: BFA-6401



Multistation Stirrer
SKU: BFA-6402

Multistation Stirrer Series 200

Specification	Multistation Stirrer SKU: BFA-6501
Type	Stirrer
waterproof	Yes
Suitable operating temp. range	0~60°C
Max. stirring volume (H2O)	1L
Motor output power	4W



Multistation Stirrer
SKU: BFA-6501

Multistation Stirrer Series 200

Specification	Multistation Stirrer SKU: BHMS-201
Platform Size	Φ137mm
Platform Material	enamel
Speed Range	200~1200rpm
Temp. Control Range	R.T.+5°C~340°C
Temp. setting range	30°C~340°C



Multistation Stirrer
SKU: BHMS-201

Multistation Stirrer Series 200

Specification	Multistation Stirrer SKU: BMSS-101	Multistation Stirrer SKU: BMSS-102	Multistation Stirrer SKU: BMSS-103
Stirring Point Quantity	4	8	12
Size of Stirring Bars	Φ8x46mm	Φ8x46mm	Φ8x46mm
Max. Stir Capacity	400mlx4	400mlx8	400mlx12
Digital Display	Speed Display	Speed Display	Speed Display
Speed Range	200~1200rpm	200~1200rpm	200~1200rpm



Multistation Stirrer
SKU: BMSS-101



Multistation Stirrer
SKU: BMSS-102



Multistation Stirrer
SKU: BMSS-103

Multistation Stirrer Series 200

Specification	Multistation Stirrer SKU: BMSS-201
Type	Heating
Stirring Point Quantity	8
Size of Stirring Bars	Φ8x46mm
Max. Stir Capacity	400mlx8
Digital Display	Temp. & speed



Multistation Stirrer
SKU: BMSS-201

Multistation Stirrer Series 300

Specification	Multistation Stirrer SKU: BFL-4201
Work plate Dimension [WXD]	460x304mm
Work plate material	Aluminum
Motor type	DC brushless
Stirring positions	15
Max. stirring quantity [H2O]	0.4L x 15



Multistation Stirrer
SKU: BFL-4201

Multistation Stirrer Series 300

Specification	Multistation Stirrer SKU: BMSS-104
Work plate Dimension [W x D]	180x450mm
Work plate material	Stainless steel with silicone coating
Motor type	Brushless DC motor
Stirring positions	10
Max. stirring quantity[H2O]	0.4Lx10



Multistation Stirrer
SKU: BMSS-104

Multistation Stirrer Series 300

Specification	Multistation Stirrer SKU: BMSS-105
Work plate dimension[W x D]	180x450mm
Work Plate material	Stainless steel covered with silicone cushion
Motor type	Brushless DC motor
Stirring positions	10
Max. stirring quantity	0.4Lx10



Multistation Stirrer
SKU: BMSS-105

STIRRER

OVERHEAD STIRRER

OVERVIEW

These overhead stirrers mix liquids of varying viscosity. Digital or LCD controllers regulate speeds from about 30 to 2,500 rpm with high torque for volumes up to 70 litres. Programmable timers and constant-speed feedback maintain stable stirring across applications.

Highlights

- Wide speed range
- High torque capacity
- Digital speed control
- Programmable timing

For Detailed Technical Info & Accessories

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https://biolabscientific.com/content/catalogs/2906-Catalog-Biolab.pdf

Overhead Stirrer Series 100

Specification	Overhead Stirrer SKU: BER-4101	Overhead Stirrer SKU: BER-4102	Overhead Stirrer SKU: BER-4103	Overhead Stirrer SKU: BER-4104
Max. Volume (L)	20	20	40	40
Digital	-	LCD	LCD	LCD
Speed (r.p.m)	100~2500	100~2500	100~2500	100~2500
Working Time	Continuous	Continuous	Continuous	Continuous
Minimum Resolution (r.p.m)	100	100	100	100



Overhead Stirrer
SKU: BER-4101



Overhead Stirrer
SKU: BER-4102



Overhead Stirrer
SKU: BER-4103



Overhead Stirrer
SKU: BER-4104

Overhead Stirrer Series 200

Specification	Overhead Stirrer SKU: BMGS-205
Max Stir Capacity (H2O)	40L
Time Range	30s~999min
Speed Range	50~2200rpm
Speed Control Accuracy	±3rpm
Speed Display Accuracy	±1rpm



Overhead Stirrer
SKU: BMGS-205

Overhead Stirrer Series 300

Specification	Overhead Stirrer SKU: BMSS-107	Overhead Stirrer SKU: BMSS-108	Overhead Stirrer SKU: BMSS-109
Max. stirring quantity[H2O]	20L	40L	70L
Speed range	50~2200rpm	50~2200rpm	50~1100rpm
Speed display accuracy	±3rpm	±3rpm	±10rpm
Time settings range	-	-	0~99h59min
Max. torque	40N·cm	60N·cm	300N·cm



Overhead Stirrer
SKU: BMSS-107



Overhead Stirrer
SKU: BMSS-108



Overhead Stirrer
SKU: BMSS-109

Overhead Stirrer Series 300

Specification	Overhead Stirrer SKU: BMSS-110	Overhead Stirrer SKU: BMSS-111
Max. stirring quantity[H2O]	20L	40L
Speed range	50~2200rpm	50~2200rpm
Max. torque	40N·cm	60N·cm
Viscosity max.	10000mPa·s	50000mPa·s
Motor type	Brushless DC motor	Brushless DC motor



Overhead Stirrer
SKU: BMSS-110



Overhead Stirrer
SKU: BMSS-111

Overhead Stirrer Series 400

Specification	Overhead Stirrer SKU: BGI-5203
Capacity	60L
Speed range	30~2200rpm
Speed display	LCD
Resolution	±1rpm
Torque	60N.cm



Overhead Stirrer
SKU: BGI-5203

STOMACHER

OVERVIEW

Microprocessor-controlled stomacher blenders designed for sample homogenization. They support multi-segment programming and have LCD displays for monitoring timing (0.1–99 minutes 59 seconds or continuous). Models are available with or without heating sterilization for diverse sample preparation needs.

Highlights

- Microprocessor control
- Programmable blending
- LCD display timer
- Optional heating sterilization

For Detailed Technical Info & Accessories

Scan to view detailed technical information & accessories, or visit the link below.

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Stomacher Series 100

Specification	Stomacher SKU: BSTO-102	Stomacher SKU: BSTO-103
With heating sterilization	No	Yes
Control mode	Multi 3-segment programming of microcomputer control	Microcomputer intelligent multi-segment programmable
Display mode	LCD display	LCD display
Timing	0.1-99 min 59 s or continuous operation	0.1-99 min 59 s or continuous operation
Rap speed	3-12 times/sec	3-12 times/sec



Stomacher
SKU: BSTO-102



Stomacher
SKU: BSTO-103

HEATING MANTLE

OVERVIEW

Heating mantles provide surface heat conduction for flasks with capacities from 50 ml to 3 l. Electronic or digital controllers offer stepless temperature regulation up to 450 °C. Nichrome wire elements and insulated steel housings ensure stable heating; some models integrate magnetic stirring.

Highlights

- Surface heat conduction
- Up to 450 °C
- Stepless control
- Magnetic stirring option

For Detailed Technical Info & Accessories

Scan to view detailed technical information & accessories, or visit the link below.

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Heating Mantle Series 100

TABLE 1 OF 2

Specification	Heating Mantle SKU: BER-4401	Heating Mantle SKU: BER-4402	Heating Mantle SKU: BER-4403	Heating Mantle SKU: BER-4404	Heating Mantle SKU: BER-4405
Capacity(ml)	50	100	250	500	1000
Heating Mode	Surface heat-conduction	Surface heat-conduction	Surface heat-conduction	Surface heat-conduction	Surface heat-conduction
Surface Max.Temp.(°C)	450°C	450°C	450°C	450°C	450°C
Heating Element	Nichrome wire	Nichrome wire	Nichrome wire	Nichrome wire	Nichrome wire
Shell	Cold roller steel plate, surface spraying	Cold roller steel plate, surface spraying	Cold roller steel plate, surface spraying	Cold roller steel plate, surface spraying	Cold roller steel plate, surface spraying



Heating Mantle
SKU: BER-4401



Heating Mantle
SKU: BER-4402



Heating Mantle
SKU: BER-4403



Heating Mantle
SKU: BER-4404



Heating Mantle
SKU: BER-4405

Heating Mantle Series 100

TABLE 2 OF 2

Specification	Heating Mantle SKU: BER-4406	Heating Mantle SKU: BER-4407	Heating Mantle SKU: BER-4408	Heating Mantle SKU: BER-4409	Heating Mantle SKU: BER-4410
Capacity(ml)	2000	3000	5000	10000	20000
Heating Mode	Surface heat-conduction	Surface heat-conduction	Surface heat-conduction	Surface heat-conduction	Surface heat-conduction
Surface Max.Temp.(°C)	450°C	450°C	450°C	450°C	450°C
Heating Element	Nichrome wire	Nichrome wire	Nichrome wire	Nichrome wire	Nichrome wire
Shell	Cold roller steel plate, surface spraying	Cold roller steel plate, surface spraying	Cold roller steel plate, surface spraying	Cold roller steel plate, surface spraying	Cold roller steel plate, surface spraying



Heating Mantle
SKU: BER-4406



Heating Mantle
SKU: BER-4407



Heating Mantle
SKU: BER-4408



Heating Mantle
SKU: BER-4409



Heating Mantle
SKU: BER-4410

Heating Mantle Series 100

TABLE 1 OF 2

Specification	Heating Mantle SKU: BER-4501	Heating Mantle SKU: BER-4502	Heating Mantle SKU: BER-4503	Heating Mantle SKU: BER-4504	Heating Mantle SKU: BER-4505
Capacity	50ml	100ml	250ml	500ml	1000ml
Heating Mode	Surface heat-conduction	Surface heat-conduction	Surface heat-conduction	Surface heat-conduction	Surface heat-conduction
Surface Max.Temp.(°C)	450°C	450°C	450°C	450°C	450°C
Speed Range	0 - 1600rpm	0 - 1600rpm	0 - 1600rpm	0 - 1600rpm	0 - 1600rpm
Heating Element	Nichrome wire	Nichrome wire	Nichrome wire	Nichrome wire	Nichrome wire



Heating Mantle
SKU: BER-4501



Heating Mantle
SKU: BER-4502



Heating Mantle
SKU: BER-4503



Heating Mantle
SKU: BER-4504



Heating Mantle
SKU: BER-4505

Heating Mantle Series 100

TABLE 2 OF 2

Specification	Heating Mantle SKU: BER-4506	Heating Mantle SKU: BER-4507	Heating Mantle SKU: BER-4508	Heating Mantle SKU: BER-4509	Heating Mantle SKU: BER-4510
Capacity	2000ml	3000ml	5000ml	10000ml	20000ml
Heating Mode	Surface heat-conduction	Surface heat-conduction	Surface heat-conduction	Surface heat-conduction	Surface heat-conduction
Surface Max.Temp.(°C)	450°C	450°C	450°C	450°C	450°C
Speed Range	0 - 1600rpm	0 - 1600rpm	0 - 1600rpm	0 - 1600rpm	0 - 1600rpm
Heating Element	Nichrome wire	Nichrome wire	Nichrome wire	Nichrome wire	Nichrome wire



Heating Mantle
SKU: BER-4506



Heating Mantle
SKU: BER-4507



Heating Mantle
SKU: BER-4508



Heating Mantle
SKU: BER-4509



Heating Mantle
SKU: BER-4510

Heating Mantle Series 100

TABLE 1 OF 2

Specification	Heating Mantle SKU: BER-4601	Heating Mantle SKU: BER-4602	Heating Mantle SKU: BER-4603	Heating Mantle SKU: BER-4604	Heating Mantle SKU: BER-4605
Capacity	50ml	100ml	250ml	500ml	1000ml
Heating Mode	Surface heat-conduction	Surface heat-conduction	Surface heat-conduction	Surface heat-conduction	Surface heat-conduction
Surface Max.Temp.(°C)	450°C	450°C	450°C	450°C	450°C
Temperature control range	RT+20~250°C	RT+20~250°C	RT+20~250°C	RT+20~250°C	RT+20~250°C
Heating Element	Nichrome wire	Nichrome wire	Nichrome wire	Nichrome wire	Nichrome wire



Heating Mantle
SKU: BER-4601



Heating Mantle
SKU: BER-4602



Heating Mantle
SKU: BER-4603



Heating Mantle
SKU: BER-4604



Heating Mantle
SKU: BER-4605

Heating Mantle Series 100

TABLE 2 OF 2

Specification	Heating Mantle SKU: BER-4606	Heating Mantle SKU: BER-4607	Heating Mantle SKU: BER-4608	Heating Mantle SKU: BER-4609	Heating Mantle SKU: BER-4610
Capacity	2000ml	3000ml	5000ml	10000ml	20000ml
Heating Mode	Surface heat-conduction	Surface heat-conduction	Surface heat-conduction	Surface heat-conduction	Surface heat-conduction
Surface Max.Temp.(°C)	450°C	450°C	450°C	450°C	450°C
Temperature control range	RT+20~250°C	RT+20~250°C	RT+20~250°C	RT+20~250°C	RT+20~250°C
Heating Element	Nichrome wire	Nichrome wire	Nichrome wire	Nichrome wire	Nichrome wire



Heating Mantle
SKU: BER-4606



Heating Mantle
SKU: BER-4607



Heating Mantle
SKU: BER-4608



Heating Mantle
SKU: BER-4609



Heating Mantle
SKU: BER-4610

Heating Mantle Series 100

TABLE 1 OF 2

Specification	Heating Mantle SKU: BER-4701	Heating Mantle SKU: BER-4702	Heating Mantle SKU: BER-4703	Heating Mantle SKU: BER-4704	Heating Mantle SKU: BER-4705
Capacity	50ml	100ml	250ml	500ml	1000ml
Heating Mode	Surface heat-conduction	Surface heat-conduction	Surface heat-conduction	Surface heat-conduction	Surface heat-conduction
Surface Max.Temp.(°C)	450°C	450°C	450°C	450°C	450°C
Temperature control range	RT+20~250°C	RT+20~250°C	RT+20~250°C	RT+20~250°C	RT+20~250°C
Speed Range	0-1600rpm	0-1600rpm	0-1600rpm	0-1600rpm	0-1600rpm



Heating Mantle
SKU: BER-4701



Heating Mantle
SKU: BER-4702



Heating Mantle
SKU: BER-4703



Heating Mantle
SKU: BER-4704



Heating Mantle
SKU: BER-4705

Heating Mantle Series 100

TABLE 2 OF 2

Specification	Heating Mantle SKU: BER-4706	Heating Mantle SKU: BER-4707	Heating Mantle SKU: BER-4708	Heating Mantle SKU: BER-4709	Heating Mantle SKU: BER-4710
Capacity	2000ml	3000ml	5000ml	10000ml	20000ml
Heating Mode	Surface heat-conduction	Surface heat-conduction	Surface heat-conduction	Surface heat-conduction	Surface heat-conduction
Surface Max.Temp.(°C)	450°C	450°C	450°C	450°C	450°C
Temperature control range	RT+20~250°C	RT+20~250°C	RT+20~250°C	RT+20~250°C	RT+20~250°C
Speed Range	0-1600rpm	0-1600rpm	0-1600rpm	0-1600rpm	0-1600rpm



Heating Mantle
SKU: BER-4706



Heating Mantle
SKU: BER-4707



Heating Mantle
SKU: BER-4708



Heating Mantle
SKU: BER-4709



Heating Mantle
SKU: BER-4710

Heating Mantle Series 100

TABLE 1 OF 5

Specification	Heating Mantle SKU: BER-4801	Heating Mantle SKU: BER-4802	Heating Mantle SKU: BER-4803	Heating Mantle SKU: BER-4804	Heating Mantle SKU: BER-4805
Specification(ml)	2x100	2x250	2x500	2x1000	4x100
Heating Mode	Surface heat conduction	Surface heat conduction	Surface heat conduction	Surface heat conduction	Surface heat conduction
Surface Max. Temperature	450°C	450°C	450°C	450°C	450°C
Temp. Range	Rt+vfc20~250°C	Rt+vfc20~250°C	Rt+vfc20~250°C	Rt+vfc20~250°C	Rt+vfc20~250°C
Speed Range	no	no	no	no	no



Heating Mantle
SKU: BER-4801



Heating Mantle
SKU: BER-4802



Heating Mantle
SKU: BER-4803



Heating Mantle
SKU: BER-4804



Heating Mantle
SKU: BER-4805

Heating Mantle Series 100

TABLE 2 OF 5

Specification	Heating Mantle SKU: BER-4806	Heating Mantle SKU: BER-4807	Heating Mantle SKU: BER-4808	Heating Mantle SKU: BER-4809	Heating Mantle SKU: BER-4810
Specification(ml)	4x250	4x500	4x1000	6x100	6x250
Heating Mode	Surface heat conduction	Surface heat conduction	Surface heat conduction	Surface heat conduction	Surface heat conduction
Surface Max. Temperature	450°C	450°C	450°C	450°C	450°C
Temp. Range	Rt+vfc20~250°C	Rt+vfc20~250°C	Rt+vfc20~250°C	Rt+vfc20~250°C	Rt+vfc20~250°C
Speed Range	no	no	no	no	no



Heating Mantle
SKU: BER-4806



Heating Mantle
SKU: BER-4807



Heating Mantle
SKU: BER-4808



Heating Mantle
SKU: BER-4809



Heating Mantle
SKU: BER-4810

Heating Mantle Series 100

TABLE 3 OF 5

Specification	Heating Mantle SKU: BER-4811	Heating Mantle SKU: BER-4812	Heating Mantle SKU: BER-4814	Heating Mantle SKU: BER-4815	Heating Mantle SKU: BER-4816
Specification(ml)	6x500	6x1000	2x250	2x500	2x1000
Heating Mode	Surface heat conduction	Surface heat conduction	Surface heat conduction	Surface heat conduction	Surface heat conduction
Surface Max. Temperature	450°C	450°C	450°C	450°C	450°C
Temp. Range	Rt+vfc20~250°C	Rt+vfc20~250°C	Rt+vfc20~250°C	Rt+vfc20~250°C	Rt+vfc20~250°C
Speed Range	no	no	0-1400rpm	0-1400rpm	0-1400rpm



Heating Mantle
SKU: BER-4811



Heating Mantle
SKU: BER-4812



Heating Mantle
SKU: BER-4814



Heating Mantle
SKU: BER-4815



Heating Mantle
SKU: BER-4816

Heating Mantle Series 100

TABLE 4 OF 5

Specification	Heating Mantle SKU: BER-4818	Heating Mantle SKU: BER-4819	Heating Mantle SKU: BER-4820	Heating Mantle SKU: BER-4822	Heating Mantle SKU: BER-4823
Specification(ml)	4x250	4x500	4x1000	6x250	6x500
Heating Mode	Surface heat conduction	Surface heat conduction	Surface heat conduction	Surface heat conduction	Surface heat conduction
Surface Max. Temperature	450°C	450°C	450°C	450°C	450°C
Temp. Range	Rt+vfc20~250°C	Rt+vfc20~250°C	Rt+vfc20~250°C	Rt+vfc20~250°C	Rt+vfc20~250°C
Speed Range	0-1400rpm	0-1400rpm	0-1400rpm	0-1400rpm	0-1400rpm



Heating Mantle
SKU: BER-4818



Heating Mantle
SKU: BER-4819



Heating Mantle
SKU: BER-4820



Heating Mantle
SKU: BER-4822



Heating Mantle
SKU: BER-4823

Heating Mantle Series 100

TABLE 5 OF 5

Specification	Heating Mantle SKU: BER-4824
Specification(ml)	6x1000
Heating Mode	Surface heat conduction
Surface Max. Temperature	450°C
Temp. Range	Rt+vfc20~250°C
Speed Range	0-1400rpm



Heating Mantle
SKU: BER-4824

ULTRA LOW TEMPERATURE FREEZER

-150°C CRYOGENIC FREEZER

OVERVIEW

Ultra-low temperature cryogenic freezers deliver storage down to −150 °C for biological and industrial samples. They provide stable control between −40 and −150 °C with moderate capacities and robust insulation for reliable cryogenic preservation.

Highlights

- Ultra-low temperature
- Stable control
- Moderate capacity
- Cryogenic preservation

For Detailed Technical Info & Accessories

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-150°C Cryogenic Freezer Series 100

Specification	-150°C Cryogenic Freezer SKU: BFCG-150-102
Temperature Range	-40 ~ -150°C
Ambient Temperature	10~30°C
Capacity (L/Cu.Ft.)	128 / 4.52
Interior Dimensions (WxDxH) mm	500x450x578
Exterior Dimensions (WxDxH) mm	1560x957x1173



-150°C Cryogenic Freezer
SKU: BFCG-150-102

ULTRA LOW TEMPERATURE FREEZER

-25°C FREEZER

OVERVIEW

These biomedical freezers maintain samples at −10 to −25 °C and are offered in chest, upright and combination refrigerator/freezer configurations. Models provide capacities from about 100 L to over 900 L with ambient operation at 10–32 °C.

Highlights

- −10 to −25 °C
- Chest or upright
- 100–900 L range
- Combination models

For Detailed Technical Info & Accessories

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-25°C Freezer Series 100

Specification	-25°C Freezer SKU: BEZ-1401	-25°C Freezer SKU: BFUD-25-301	-25°C Freezer SKU: BFUD-40-502	-25°C Freezer SKU: BFUR-25-505
Temperature Range	F: -10 ~ -25°C; R: 2 ~ 8°C	F: -10 ~ -25°C; R: 2 ~ 8°C	F: -10 ~ -25°C; R: 2 ~ 8°C	-10 ~ -25°C
Ambient Temperature	10~32°C	10~32°C	10~32°C	10~32°C
Capacity (L/Cu.Ft.)	R: 273 / 9.64; F: 255 / 9	R: 189 / 6.67; F: 179 / 6.32	R: 198 / 6.99; F: 102 / 3.6	936 / 33.1
Interior Dimensions (WxDxH) mm	R: 765x640x635; F: 651x636x635	R: 580x626x625; F: 466x636x625	R: 565x480x759; F: 461x465x600	1000x700x1335
Exterior Dimensions (WxDxH) mm	900x818x1870	720x830x1870	650x620x1980	1304x1000x2017



-25°C Freezer
SKU: BEZ-1401



-25°C Freezer
SKU: BFUD-25-301



-25°C Freezer
SKU: BFUD-40-502



-25°C Freezer
SKU: BFUR-25-505

-25°C Freezer Series 100

TABLE 1 OF 2

Specification	-25°C Freezer SKU: BFRZ-25-401	-25°C Freezer SKU: BFRZ-25-402	-25°C Freezer SKU: BFRZ-25-403	-25°C Freezer SKU: BFUR-25-501	-25°C Freezer SKU: BFUR-25-502
Temperature Range	-10 ~ -25 °C	-10 ~ -25 °C	-10 ~ -25 °C	-10 ~ -25 °C	-10 ~ -25 °C
Ambient Temperature	10~32°C	10~32°C	10~32°C	10~32°C	10~32°C
Capacity (L/Cu. Ft.)	105 / 3.71	485 / 17.13	305 / 10.77	268 / 9.46	278 / 9.82
Interior Dimensions (WxDxH) mm	480x380x665	1455x525x665	1000x520x665	508x455x1137	480x415x1460
Exterior Dimensions (WxDxH) mm	621x588x883	1655x755x915	1140x742x883	673x676x1620	659x600x1694



-25°C Freezer
SKU: BFRZ-25-401



-25°C Freezer
SKU: BFRZ-25-402



-25°C Freezer
SKU: BFRZ-25-403



-25°C Freezer
SKU: BFUR-25-501



-25°C Freezer
SKU: BFUR-25-502

-25°C Freezer Series 100

TABLE 2 OF 2

Specification	-25°C Freezer SKU: BFUR-25-503	-25°C Freezer SKU: BFUR-25-506
Temperature Range	-10 ~ -25 °C	-10 ~ -25 °C
Ambient Temperature	10~32°C	10~32°C
Capacity (L/Cu. Ft.)	328 / 11.58	100 / 3.53
Interior Dimensions (WxDxH) mm	508x455x1393	410x410x670
Exterior Dimensions (WxDxH) mm	673x675x1881	540x553x877



-25°C Freezer
SKU: BFUR-25-503



-25°C Freezer
SKU: BFUR-25-506

ULTRA LOW TEMPERATURE FREEZER

-40°C FREEZER

OVERVIEW

Freezers in this category deliver controlled storage between −20 and −40 °C for biomedical samples. Choices include chest, upright, double-door and combined refrigerator units with capacities from roughly 100 L to 900 L and ambient operating range of 10–32 °C.

Highlights

- −20 to −40 °C
- Chest or upright
- Double-door options
- 100–900 L range

For Detailed Technical Info & Accessories

Scan to view detailed technical information & accessories, or visit the link below.

CATALOG LINK

https://biolabscientific.com/content/catalogs/2007-Catalog-Biolab.pdf

-40°C Freezer Series 100

Specification	-40°C Freezer SKU: BEZ-1601	-40°C Freezer SKU: BFUD-40-501
Temperature Range	F: -20 ~ -40°C; R: 2 ~ 8°C	F: -20 ~ -40°C; R: 2 ~ 8°C
Ambient Temperature	10~32°C	10~32°C
Capacity (L/Cu.Ft.)	R: 273 / 9.64; F: 255 / 9	R: 189 / 6.67; F: 179 / 6.32
Interior Dimensions (WxDxH) mm	R: 765x640x635; F: 651x636x635	R: 580x626x625; F: 466x636x625
Exterior Dimensions (WxDxH) mm	900x818x1870	720x830x1870



-40°C Freezer
SKU: BEZ-1601



-40°C Freezer
SKU: BFUD-40-501

-40°C Freezer Series 100

Specification	-40°C Freezer SKU: BEZ-11701
Temperature Range	-30 ~ -40 °C
Ambient Temperature	10~32°C
Capacity (L/Cu. Ft.)	200 / 7.06
Noise	53 dB
Controller	Microprocessor



-40°C Freezer
SKU: BEZ-11701

-40°C Freezer Series 100

TABLE 1 OF 2

Specification	-40°C Freezer SKU: BFRZ-40-401	-40°C Freezer SKU: BFRZ-40-402	-40°C Freezer SKU: BFUR-40-302	-40°C Freezer SKU: BFUR-40-304	-40°C Freezer SKU: BFUR-40-305
Temperature Range	-20 ~ -40°C	-20 ~ -40°C	-20 ~ -40°C	-20 ~ -40°C	-20 ~ -40°C
Ambient Temperature	10~32°C	10~32°C	10~32°C	10~32°C	10~32°C
Capacity (L / Cu. Ft.)	105 / 3.71	485 / 17.13	268 / 9.46	328 / 11.58	264x2 / 9.33x2
Interior Dimensions (WxDxH) mm	480x380x665	1455x525x665	508x455x1137	508x455x1393	651x632x635x2
Exterior Dimensions (WxDxH) mm	694x686x942	1667x863x949	673x676x1620	673x676x1886	900x818x1875



-40°C Freezer
SKU: BFRZ-40-401



-40°C Freezer
SKU: BFRZ-40-402



-40°C Freezer
SKU: BFUR-40-302



-40°C Freezer
SKU: BFUR-40-304



-40°C Freezer
SKU: BFUR-40-305

-40°C Freezer Series 100

TABLE 2 OF 2

Specification	-40°C Freezer SKU: BFUR-40-306	-40°C Freezer SKU: BFUR-40-308	-40°C Freezer SKU: BFUR-40-309
Temperature Range	-20 ~ -40°C	-20 ~ -40°C	-20 ~ -40°C
Ambient Temperature	10~32°C	10~32°C	10~32°C
Capacity (L / Cu. Ft.)	936 / 33.1	179x2 / 6.32x2	305 / 10.77
Interior Dimensions (WxDxH) mm	1000x700x1335	466x636x625x2	1000x520x665
Exterior Dimensions (WxDxH) mm	1304x1000x2017	720x830x1870	1210x833x941



-40°C Freezer
SKU: BFUR-40-306



-40°C Freezer
SKU: BFUR-40-308



-40°C Freezer
SKU: BFUR-40-309

ULTRA LOW TEMPERATURE FREEZER

-60°C FREEZER

OVERVIEW

Ultra-low freezers in this range maintain samples between −40 and −65 °C, with some models extending to −86 °C. These chest and upright Quickcool units operate reliably at ambient temperatures of 10–32 °C and offer capacities from around 205 L to over 700 L with generous interior dimensions.

Highlights

- −40 to −65 °C
- Chest/upright models
- 205–705 L capacity
- 10–32 °C ambient

For Detailed Technical Info & Accessories

Scan to view detailed technical information & accessories, or visit the link below.

CATALOG LINK

https://biolabscientific.com/content/catalogs/2008-Catalog-Biolab.pdf

-60°C Freezer Series 100

Specification	-60°C Freezer SKU: BEZ-11301	-60°C Freezer SKU: BEZ-11401	-60°C Freezer SKU: BEZ-11601
Temperature Range	-40 ~ -65 °C	-40 ~ -65 °C	-40 ~ -86 °C
Ambient Temperature	10~32°C	10~32°C	10~32°C
Capacity (L/Cu. Ft.)	205 / 7.24	305 / 10.77	705 / 24.9
Interior Dimensions (WxDxH) mm	840x448x640	190x448x640	1900x600x690
Exterior Dimensions (WxDxH) mm	1044x752x900	1394x752x900	2004x904x950



-60°C Freezer
SKU: BEZ-11301



-60°C Freezer
SKU: BEZ-11401



-60°C Freezer
SKU: BEZ-11601

-60°C Freezer Series 100

Specification	-60°C Freezer SKU: BEZ-11501
Temperature Range	-40 ~ -86 °C
Ambient Temperature	10~32°C
Capacity (L/Cu.Ft.)	505 / 17.83
Interior Dimensions (WxDxH) mm	1450x600x690
Exterior Dimensions (WxDxH) mm	1554x904x950



-60°C Freezer
SKU: BEZ-11501

-60°C Freezer Series 100

Specification	-60°C Freezer SKU: BFRZ-60-101	-60°C Freezer SKU: BFRZ-60-102
Temperature Range	-25~ -60°C	-25~ -60°C
Ambient Temperature	10~32°C	10~32°C
Capacity (L / Cu. Ft.)	105 / 3.71	485 / 17.13
Interior Dimensions (WxDxH) mm	480x380x665	1455x525x665
Exterior Dimensions (WxDxH) mm	680x580x935	1670x810x930



-60°C Freezer
SKU: BFRZ-60-101



-60°C Freezer
SKU: BFRZ-60-102

ULTRA LOW TEMPERATURE FREEZER

-86°C ULT FREEZER

OVERVIEW

These ultra-low temperature freezers provide storage from −40 to −86 °C with ambient operation at 10–32 °C. Available as chest and upright units, they offer capacities ranging from 60 L to 705 L and include options with cryo-box loading to accommodate high-volume sample storage.

Highlights

- −40 to −86 °C
- 10–32 °C ambient
- 60–705 L capacity
- Cryo-box loading

For Detailed Technical Info & Accessories

Scan to view detailed technical information & accessories, or visit the link below.

CATALOG LINK

https://biolabscientific.com/content/catalogs/2009-Catalog-Biolab.pdf

-86°C ULT Freezer Series 100

TABLE 1 OF 3

Specification	-86°C ULT Freezer SKU: BEZ-5901	-86°C ULT Freezer SKU: BFUR-86-303	-86°C ULT Freezer SKU: BFUR-86-304	-86°C ULT Freezer SKU: BFUR-86-305	-86°C ULT Freezer SKU: BFUR-86-306
Temperature Range	-40 ~ -86°C	-40 ~ -86°C	-40 ~ -86°C	-40 ~ -86°C	-40 ~ -86°C
Ambient Temperature	10~32°C	10~32°C	10~32°C	10~32°C	10~32°C
Capacity (L/Cu.Ft.)	728 / 25.71	338 / 11.94	340 / 12	408 / 14.41	408 / 14.41
Noise	55 dB	50 dB	50 dB	50 dB	50 dB
Cold Rack Max. Loading Capacity (pcs)	254D Rack / 18, 264D Rack / 6	2440 Rack / 12	2440 Rack / 12	2540 Rack / 8, 2440 Rack / 8	2540 Rack / 8, 2440 Rack / 8



-86°C ULT Freezer
SKU: BEZ-5901



-86°C ULT Freezer
SKU: BFUR-86-303



-86°C ULT Freezer
SKU: BFUR-86-304



-86°C ULT Freezer
SKU: BFUR-86-305



-86°C ULT Freezer
SKU: BFUR-86-306

-86°C ULT Freezer Series 100

TABLE 2 OF 3

Specification	-86°C ULT Freezer SKU: BFUR-86-308	-86°C ULT Freezer SKU: BFUR-86-309	-86°C ULT Freezer SKU: BFUR-86-312	-86°C ULT Freezer SKU: BFUR-86-313	-86°C ULT Freezer SKU: BFUR-86-314
Temperature Range	-40 ~ -86°C	-40 ~ -86°C	-40 ~ -86°C	-40 ~ -86°C	-40 ~ -86°C
Ambient Temperature	10~32°C	10~32°C	10~32°C	10~32°C	10~32°C
Capacity (L/Cu.Ft.)	588 / 20.77	588 / 20.77	728 / 25.71	838 / 29.6	838 / 29.6
Noise	53 dB	53 dB	53 dB	55 dB	53 dB
Cold Rack Max. Loading Capacity (pcs)	2550 Rack / 16	2550 Rack / 16	2540 Rack / 18, 2640 Rack / 6	2550 Rack / 24	2550 Rack / 24



-86°C ULT Freezer
SKU: BFUR-86-308



-86°C ULT Freezer
SKU: BFUR-86-309



-86°C ULT Freezer
SKU: BFUR-86-312



-86°C ULT Freezer
SKU: BFUR-86-313



-86°C ULT Freezer
SKU: BFUR-86-314

-86°C ULT Freezer Series 100

TABLE 3 OF 3

Specification	-86°C ULT Freezer SKU: BFUR-86-316
Temperature Range	-40 ~ -86°C
Ambient Temperature	10~32°C
Capacity (L/Cu.Ft.)	728 / 25.71
Noise	53 dB
Cold Rack Max. Loading Capacity (pcs)	2540 Rack / 18, 2640 Rack / 6



-86°C ULT Freezer
SKU: BFUR-86-316

-86°C ULT Freezer Series 100

Specification	-86°C ULT Freezer SKU: BEZ-10101	-86°C ULT Freezer SKU: BEZ-10201
Temperature Range	-40 ~ -86°C	-40 ~ -86°C
Ambient Temperature	10~32°C	10~32°C
Capacity (L / Cu.Ft.)	728 / 25.71	838 / 29.6
Noise	55 dB	55 dB
Cold Rack Max Loading (pcs)	25D Rack / 18, 24D Rack / 6	25D Rack / 24



-86°C ULT Freezer
SKU: BEZ-10101



-86°C ULT Freezer
SKU: BEZ-10201

-86°C ULT Freezer Series 100

Specification	-86°C ULT Freezer SKU: BEZ-10301	-86°C ULT Freezer SKU: BEZ-10401	-86°C ULT Freezer SKU: BEZ-10501	-86°C ULT Freezer SKU: BEZ-10601
Temperature Range	-40 ~ -86°C	-40 ~ -86°C	-40 ~ -86°C	-40 ~ -86°C
Ambient Temperature	10~32°C	10~32°C	10~32°C	10~32°C
Capacity (L / Cu.Ft.)	205 / 7.24	305 / 10.77	505 / 17.83	705 / 24.9
Interior Dimensions (WxDxH)	840x448x640 mm	1190x448x640 mm	1450x600x690 mm	1900x600x690 mm
Exterior Dimensions (WxDxH)	1044x752x900 mm	1394x752x900 mm	1554x904x950 mm	2004x904x950 mm



-86°C ULT Freezer
SKU: BEZ-10301



-86°C ULT Freezer
SKU: BEZ-10401



-86°C ULT Freezer
SKU: BEZ-10501



-86°C ULT Freezer
SKU: BEZ-10601

-86°C ULT Freezer Series 100

Specification	-86°C ULT Freezer SKU: BEZ-10701	-86°C ULT Freezer SKU: BEZ-10801
Temperature Range	-40 ~ -86°C	-40 ~ -86°C
Ambient Temperature	10~32°C	10~32°C
Capacity (L / Cu.Ft.)	60 / 2.12	60 / 2.12
Max Loading (2'' Cryo-box / 2ml Cryo-vial)	24 / 2,400	24 / 2,400
Noise	50 dB	50 dB



-86°C ULT Freezer
SKU: BEZ-10701



-86°C ULT Freezer
SKU: BEZ-10801

-86°C ULT Freezer Series 100

Specification	-86°C ULT Freezer SKU: BEZ-10901
Temperature Range	-40 ~ -86 °C
Ambient Temperature	10~32°C
Capacity (L/Cu.Ft.)	180 / 6.36
Max Loading of 2" Cryo-box & 2ml Cryo-vial (pcs)	108 / 10,800
Noise	50 dB



-86°C ULT Freezer
SKU: BEZ-10901

-86°C ULT Freezer Series 100

Specification	-86°C ULT Freezer SKU: BEZ-11001	-86°C ULT Freezer SKU: BEZ-11101
Temperature Range	-40 ~ -86 °C	-40 ~ -86 °C
Ambient Temperature	10~32°C	10~32°C
Capacity (L/Cu. Ft.)	410 / 14.48	585 / 20.66
Max Loading of 2'' Cryo-box and 2ml Cryo-vial (pcs)	288 / 28,800	400 / 40,000
Noise	50 dB	50 dB



-86°C ULT Freezer
SKU: BEZ-11001



-86°C ULT Freezer
SKU: BEZ-11101

-86°C ULT Freezer Series 100

Specification	-86°C ULT Freezer SKU: BEZ-11201
Temperature Range	-40 ~ -86 °C
Ambient Temperature	10~32°C
Capacity (L/Cu. Ft.)	840 / 29.67
Max Loading of 2" Cryo-box and 2ml Cryo-vial (pcs)	600 / 60,000
Noise	55 dB



-86°C ULT Freezer
SKU: BEZ-11201

-86°C ULT Freezer Series 100

Specification	-86°C ULT Freezer SKU: BFRZ-86-201	-86°C ULT Freezer SKU: BFRZ-86-202
Temperature Range	-40 ~ -86°C	-40 ~ -86°C
Ambient Temperature	10~32°C	10~32°C
Capacity (L/Cu.Ft.)	105 / 3.71	485 / 17.13
Interior Dimensions (WxDxH) mm	480x380x665	1455x525x674
Exterior Dimensions (WxDxH) mm	680x580x935	1695x840x962



-86°C ULT Freezer
SKU: BFRZ-86-201



-86°C ULT Freezer
SKU: BFRZ-86-202

-86°C ULT Freezer Series 100

Specification	-86°C ULT Freezer SKU: BFUR-86-307	-86°C ULT Freezer SKU: BFUR-86-310	-86°C ULT Freezer SKU: BFUR-86-315
Temperature Range	-40 ~ -86°C	-40 ~ -86°C	-40 ~ -86 °C
Ambient Temperature	10~32°C	10~32°C	10~32°C
Capacity (L/Cu. Ft.)	408 / 14.41	588 / 20.77	838 / 29.6
Noise	50 dB	53 dB	55 dB
Cold Rack Max. Loading Capacity (pcs)	254D Rack / 8, 244D Rack / 8	255D Rack / 16	255D Rack / 24



-86°C ULT Freezer
SKU: BFUR-86-307



-86°C ULT Freezer
SKU: BFUR-86-310



-86°C ULT Freezer
SKU: BFUR-86-315

ULTRA LOW TEMPERATURE FREEZER

BIOSAFETY TRANSPORT BOX

OVERVIEW

Biosafety transport boxes provide insulated storage for biological samples, with inner and outer surfaces of PP+PE and PU insulation to maintain sample temperature. Capacities range from 6 L to 85 L, with portable coolers offering −25 to +30 °C temperature control and 0.1 °C resolution

Highlights

- Multiple capacity options
- PP/PE construction
- PU insulation
- Portable cooling range

For Detailed Technical Info & Accessories

Scan to view detailed technical information & accessories, or visit the link below.

CATALOG LINK

https://biolabscientific.com/content/catalogs/2011-Catalog-Biolab.pdf

Biosafety Transport Box Series 100

TABLE 1 OF 2

Specification	Biosafety Transport Box SKU: BTBT-101	Biosafety Transport Box SKU: BTBT-102	Biosafety Transport Box SKU: BTBT-103	Biosafety Transport Box SKU: BTBT-104	Biosafety Transport Box SKU: BTBT-105
Capacity	6L	8L	12L	15L	20L
Internal & External Materials	PP+PE	PP+PE	PP+PE	PP+PE	PP+PE
Insulation Material	PU	PU	PU	PU	PU
Temp. Resolution	0.1°C	0.1°C	0.1°C	0.1°C	0.1°C
Manufacturing Process	Blow molding + injection molding, burr-free surface	Blow molding + injection molding, burr-free surface	Blow molding + injection molding, burr-free surface	Blow molding + injection molding, burr-free surface	Blow molding + injection molding, burr-free surface



Biosafety Transport Box
SKU: BTBT-101



Biosafety Transport Box
SKU: BTBT-102



Biosafety Transport Box
SKU: BTBT-103



Biosafety Transport Box
SKU: BTBT-104



Biosafety Transport Box
SKU: BTBT-105

Biosafety Transport Box Series 100

TABLE 2 OF 2

Specification	Biosafety Transport Box SKU: BTBT-106	Biosafety Transport Box SKU: BTBT-107	Biosafety Transport Box SKU: BTBT-108	Biosafety Transport Box SKU: BTBT-109
Capacity	33L	55L	65L	85L
Internal & External Materials	PP+PE	PP+PE	PP+PE	PP+PE
Insulation Material	PU	PU	PU	PU
Temp. Resolution	0.1°C	0.1°C	0.1°C	0.1°C
Manufacturing Process	Blow molding + injection molding, burr-free surface	Blow molding + injection molding, burr-free surface	Blow molding + injection molding, burr-free surface	Blow molding + injection molding, burr-free surface



Biosafety Transport Box
SKU: BTBT-106



Biosafety Transport Box
SKU: BTBT-107



Biosafety Transport Box
SKU: BTBT-108



Biosafety Transport Box
SKU: BTBT-109

Biosafety Transport Box Series 200

Specification	Biosafety Transport Box SKU: BTBT-201	Biosafety Transport Box SKU: BTBT-202
Temperature Range	-25 ~ +30°C	-25 ~ +30°C
Ambient Temperature	10~32°C	10~32°C
Capacity (L / Cu. Ft.)	30 / 1.06	80 / 2.83
Interior Dimensions (WxDxH) mm	364x253x353	547x378x370
Exterior Dimensions (WxDxH) mm	615x370x472	937x565x581



Biosafety Transport Box
SKU: BTBT-201



Biosafety Transport Box
SKU: BTBT-202

ULTRA LOW TEMPERATURE FREEZER

DOUBLE DOOR FREEZER

OVERVIEW

Double-door biomedical freezers maintain –10 to –25 °C across two independent chambers using microprocessor control. They provide 0.1 °C temperature accuracy, HC refrigerants, and safety features such as locking doors, password-protected controllers, backup battery display, visual and audible alarms and optional data logging for secure storage of vaccines and samples.

Highlights

- –10 to –25 °C
- Dual chambers
- Microprocessor control
- Safety alarms

For Detailed Technical Info & Accessories

Scan to view detailed technical information & accessories, or visit the link below.

CATALOG LINK

https://biolabscientific.com/content/catalogs/2010-Catalog-Biolab.pdf

Double Door Freezer Series 100

Specification	Double Door Freezer SKU: BFRZ-25-404	Double Door Freezer SKU: BFUR-25-504
Temperature Range	-10 ~ -25 °C	-10 ~ -25 °C
Ambient Temperature	10~32°C	10~32°C
Capacity (L/Cu. Ft.)	358 / 12.64 (179x2 / 6.32x2)	528 / 18.66 (264x2 / 9.33x2)
Interior Dimensions (WxDxH) mm	466x636x625x2	651x632x635x2
Exterior Dimensions (WxDxH) mm	720x830x1870	900x818x1875



Double Door Freezer
SKU: BFRZ-25-404



Double Door Freezer
SKU: BFUR-25-504

ULTRASONIC CLEANER

DOUBLE ADJUSTABLE FREQUENCIES ULTRASONIC CLEANER

OVERVIEW

These ultrasonic cleaners use dual ultrasonic frequencies (45 and 80 kHz) to remove contaminants from glassware and instruments. Capacities range from about 6 to 27 litres, with selectable cleaning times from 1 to 480 minutes and heating up to 80 °C to enhance cavitation and improve cleaning efficiency.

Highlights

- Dual 45/80 kHz
- 6–27 L capacity
- 1–480 min timer
- Heating to 80 °C

For Detailed Technical Info & Accessories

Scan to view detailed technical information & accessories, or visit the link below.

CATALOG LINK

https://biolabscientific.com/content/catalogs/7008-Catalog-Biolab.pdf

Double adjustable frequencies ultrasonic cleaner Series 100

Specification	Double adjustable frequencies ultrasonic cleaner SKU: BDL-6905	Double adjustable frequencies ultrasonic cleaner SKU: BDL-6907
Capacity (L)	6	10
Adjustable Ultrasonic Frequency (KHz)	45/80	45/80
Time Range / Heating Temp	1~480min / RT~80°C	1~480min / RT~80°C
Ultrasonic Power (W)	200	300
Heating Power (W)	400	400



Double adjustable frequencies ultrasonic cleaner
SKU: BDL-6905



Double adjustable frequencies ultrasonic cleaner
SKU: BDL-6907

ULTRASONIC CLEANER

HIGH-FREQUENCY DESKTOP ULTRASONIC CLEANER

OVERVIEW

High-frequency desktop ultrasonic cleaners deliver multi-frequency ultrasonic cleaning and integrated heating in a benchtop format. Capacities range from about 3 to 30 L and frequency options reach up to 132 kHz for delicate yet effective cleaning.

Highlights

- Multiple frequency options
- Integrated heating
- Varied capacity range
- Adjustable ultrasonic power

For Detailed Technical Info & Accessories

Scan to view detailed technical information & accessories, or visit the link below.

CATALOG LINK

https://biolabscientific.com/content/catalogs/7005-Catalog-Biolab.pdf

High-Frequency Desktop Ultrasonic Cleaner Series 100

TABLE 1 OF 2

Specification	High-Frequency Desktop Ultrasonic Cleaner SKU: BULC-501	High-Frequency Desktop Ultrasonic Cleaner SKU: BULC-502	High-Frequency Desktop Ultrasonic Cleaner SKU: BULC-503	High-Frequency Desktop Ultrasonic Cleaner SKU: BULC-504	High-Frequency Desktop Ultrasonic Cleaner SKU: BULC-505
Capacity (L)	3.2	5	4.5	6.8	11
Frequency Working (Khz)	53/68/80KHz	53/68/80KHz	53/68/80KHz	53/68/80KHz	53/68/80/100/132KHz
Ultrasonic Power(W)	120	120	180	180	240
Heating Power(W)	100	200	200	200	300
Timing time(mins)	1-99min	1-99min	1-99min	1-99min	1-99min



High-Frequency Desktop Ultrasonic Cleaner
SKU: BULC-501



High-Frequency Desktop Ultrasonic Cleaner
SKU: BULC-502



High-Frequency Desktop Ultrasonic Cleaner
SKU: BULC-503



High-Frequency Desktop Ultrasonic Cleaner
SKU: BULC-504



High-Frequency Desktop Ultrasonic Cleaner
SKU: BULC-505

High-Frequency Desktop Ultrasonic Cleaner Series 100

TABLE 2 OF 2

Specification	High-Frequency Desktop Ultrasonic Cleaner SKU: BULC-506	High-Frequency Desktop Ultrasonic Cleaner SKU: BULC-507	High-Frequency Desktop Ultrasonic Cleaner SKU: BULC-508	High-Frequency Desktop Ultrasonic Cleaner SKU: BULC-509
Capacity (L)	15	20	22	30
Frequency Working (Khz)	53/68/80/100/132KHz	53/68/80/100/132KHz	53/68/80/100/132KHz	53/68/80/100/132KHz
Ultrasonic Power(W)	360	360	480	600
Heating Power(W)	400W(220V)300W(110V)	400W(220V)300W(110V)	600W(220V)500W(110V)	600W(220V)500W(110V)
Timing time(mins)	1-99min	1-99min	1-99min	1-99min



High-Frequency Desktop Ultrasonic Cleaner
SKU: BULC-506



High-Frequency Desktop Ultrasonic Cleaner
SKU: BULC-507



High-Frequency Desktop Ultrasonic Cleaner
SKU: BULC-508



High-Frequency Desktop Ultrasonic Cleaner
SKU: BULC-509

ULTRASONIC CLEANER

IMMERSION ULTRASONIC VIBRATION PLATE

OVERVIEW

Immersion ultrasonic vibration plates are modular units for ultrasonic cleaning tanks. Models deliver power from about 600 W to 2400 W, incorporate numerous transducers for uniform cavitation, and support broad working frequencies from around 25 kHz to 200 kHz with various stainless-steel tank dimensions.

Highlights

- High ultrasonic power
- Multiple transducers
- Broad frequency range
- Various tank sizes

For Detailed Technical Info & Accessories

Scan to view detailed technical information & accessories, or visit the link below.

CATALOG LINK

https://biolabscientific.com/content/catalogs/7010-Catalog-Biolab.pdf

Immersion Ultrasonic Vibration Plate Series 100

TABLE 1 OF 2

Specification	Immersion Ultrasonic Vibration Plate SKU: BJR-801	Immersion Ultrasonic Vibration Plate SKU: BJR-802	Immersion Ultrasonic Vibration Plate SKU: BJR-803	Immersion Ultrasonic Vibration Plate SKU: BJR-804	Immersion Ultrasonic Vibration Plate SKU: BJR-805
Ultrasonic Power(W)	600	900	1200	1500	1800
Number of transducer(PCS)	12	18	24	30	36
Inner tank Dimension (mm)	350X300X100	450X300X100	550X400X100	580X400X100	600X500X100
Frequency Working (Khz)	25/28/40/68/80/100132/170/200KHz.	25/28/40/68/80/100132/170/200KHz.	25/28/40/68/80/100132/170/200KHz.	25/28/40/68/80/100132/170/200KHz.	25/28/40/68/80/100132/170/200KHz.
Maximum Temperature(°C)	80°C	80°C	80°C	80°C	80°C



Immersion Ultrasonic Vibration Plate
SKU: BJR-801



Immersion Ultrasonic Vibration Plate
SKU: BJR-802



Immersion Ultrasonic Vibration Plate
SKU: BJR-803



Immersion Ultrasonic Vibration Plate
SKU: BJR-804



Immersion Ultrasonic Vibration Plate
SKU: BJR-805

Immersion Ultrasonic Vibration Plate Series 100

TABLE 2 OF 2

Specification	Immersion Ultrasonic Vibration Plate SKU: BJR-806	Immersion Ultrasonic Vibration Plate SKU: BJR-807
Ultrasonic Power(W)	2100	2400
Number of transducer(PCS)	42	48
Inner tank Dimension (mm)	650X550X100	700X600X100
Frequency Working (Khz)	25/28/40/68/80/100132/170/200KHz.	25/28/40/68/80/100132/170/200KHz.
Maximum Temperature(°C)	80°C	80°C



Immersion Ultrasonic Vibration Plate
SKU: BJR-806



Immersion Ultrasonic Vibration Plate
SKU: BJR-807

ULTRASONIC CLEANER

INDUSTRIAL SINGLE TANK CLEANER

OVERVIEW

Industrial single-tank ultrasonic cleaners provide heavy-duty cleaning for large parts. Capacities range from about 45 L to 480 L with ultrasonic power up to 5400 W; numerous transducers generate powerful cavitation, and robust stainless-steel tanks accommodate sizeable components.

Highlights

- Large tank capacities
- High ultrasonic power
- Multiple transducers
- Stainless-steel tanks

For Detailed Technical Info & Accessories

Scan to view detailed technical information & accessories, or visit the link below.

CATALOG LINK

https://biolabscientific.com/content/catalogs/7011-Catalog-Biolab.pdf

Industrial Single Tank Cleaner Series 100

TABLE 1 OF 2

Specification	Industrial Single Tank Cleaner SKU: BJR-702	Industrial Single Tank Cleaner SKU: BJR-703	Industrial Single Tank Cleaner SKU: BJR-704	Industrial Single Tank Cleaner SKU: BJR-706	Industrial Single Tank Cleaner SKU: BJR-707
Capacity(L)	45	61	96	135	175
Ultrasonic Power(W)	600	900	1200	1800	2400
Number of Transducers(PCS)	12	18	24	36	48
Inner tank Size(mm)	500X300X300	500X350X350	600X400X400	600X500X450	700X500X500
Frequency Working (Khz)	17/20/25/28/4053/68/80/100/132170/200kHz	17/20/25/28/4053/68/80/100/132170/200kHz	17/20/25/28/4053/68/80/100/132170/200kHz	17/20/25/28/4053/68/80/100/132170/200kHz	17/20/25/28/4053/68/80/100/132170/200kHz



Industrial Single Tank Cleaner
SKU: BJR-702



Industrial Single Tank Cleaner
SKU: BJR-703



Industrial Single Tank Cleaner
SKU: BJR-704



Industrial Single Tank Cleaner
SKU: BJR-706



Industrial Single Tank Cleaner
SKU: BJR-707

Industrial Single Tank Cleaner Series 100

TABLE 2 OF 2

Specification	Industrial Single Tank Cleaner SKU: BJR-708	Industrial Single Tank Cleaner SKU: BJR-709	Industrial Single Tank Cleaner SKU: BJR-711
Capacity(L)	240	360	480
Ultrasonic Power(W)	3000	3600	5400
Number of Transducers(PCS)	60	72	108
Inner tank Size(mm)	800X600X500	1000X600X600	1200X800X500
Frequency Working (Khz)	17/20/25/28/4053/68/80/100/132170/200kHz	17/20/25/28/4053/68/80/100/132170/200kHz	17/20/25/28/4053/68/80/100/132170/200kHz



Industrial Single Tank Cleaner
SKU: BJR-708



Industrial Single Tank Cleaner
SKU: BJR-709



Industrial Single Tank Cleaner
SKU: BJR-711

ULTRASONIC CLEANER

MECHANICAL ULTRASONIC DESKTOP CLEANER

OVERVIEW

Mechanical ultrasonic desktop cleaners use high-Q transducers and MCU-sweep frequency control for uniform cleaning. Adjustable time and temperature settings, durable SUS304 stainless-steel tanks and integrated heating up to 80 °C make them effective for cleaning small laboratory components.

Highlights

- High-Q transducers
- Uniform frequency sweep
- Adjustable time & temperature
- Stainless steel tank

For Detailed Technical Info & Accessories

Scan to view detailed technical information & accessories, or visit the link below.

CATALOG LINK

https://biolabscientific.com/content/catalogs/7004-Catalog-Biolab.pdf

Mechanical Ultrasonic desktop cleaner Series 100

TABLE 1 OF 2

Specification	Mechanical Ultrasonic desktop cleaner SKU: BULC-402	Mechanical Ultrasonic desktop cleaner SKU: BULC-403	Mechanical Ultrasonic desktop cleaner SKU: BULC-404	Mechanical Ultrasonic desktop cleaner SKU: BULC-405	Mechanical Ultrasonic desktop cleaner SKU: BULC-406
Capacity (L)	2.0	3.2	5.0	4.5	6.8
Frequency Working (KHz)	40KHz	40KHz	40KHz	40KHz	40KHz
Ultrasonic power (W)	70	120	120	180	180
Heating power (W)	100	100	200	200	200
Timing time (mins)	1~120min	1~120min	1~120min	1~120min	1~120min



Mechanical Ultrasonic desktop cleaner
SKU: BULC-402



Mechanical Ultrasonic desktop cleaner
SKU: BULC-403



Mechanical Ultrasonic desktop cleaner
SKU: BULC-404



Mechanical Ultrasonic desktop cleaner
SKU: BULC-405



Mechanical Ultrasonic desktop cleaner
SKU: BULC-406

Mechanical Ultrasonic desktop cleaner Series 100

TABLE 2 OF 2

Specification	Mechanical Ultrasonic desktop cleaner SKU: BULC-407	Mechanical Ultrasonic desktop cleaner SKU: BULC-408	Mechanical Ultrasonic desktop cleaner SKU: BULC-409	Mechanical Ultrasonic desktop cleaner SKU: BULC-410	Mechanical Ultrasonic desktop cleaner SKU: BULC-411
Capacity (L)	11	15	20	22	30
Frequency Working (KHz)	40KHz	40KHz	40KHz	40KHz	40KHz
Ultrasonic power (W)	240	360	360	480	600
Heating power (W)	300	400	400	500	500
Timing time (mins)	1~120min	1~120min	1~120min	1~120min	1~120min



Mechanical Ultrasonic desktop cleaner
SKU: BULC-407



Mechanical Ultrasonic desktop cleaner
SKU: BULC-408



Mechanical Ultrasonic desktop cleaner
SKU: BULC-409



Mechanical Ultrasonic desktop cleaner
SKU: BULC-410



Mechanical Ultrasonic desktop cleaner
SKU: BULC-411

ULTRASONIC CLEANER

MEDICAL ULTRASONIC CLEANER

OVERVIEW

Medical ultrasonic cleaners combine powerful ultrasonics with boiling to clean medical instruments thoroughly. Heavy-duty 304/316L stainless-steel tanks with chrome-plated vibrating plates, large capacities and strong heating deliver robust decontamination and rinsing performance.

Highlights

- High ultrasonic power
- Boiling & ultrasonic modes
- Heavy-duty steel tanks
- Large cleaning capacity

For Detailed Technical Info & Accessories

Scan to view detailed technical information & accessories, or visit the link below.

CATALOG LINK

https://biolabscientific.com/content/catalogs/7012-Catalog-Biolab.pdf

Medical Ultrasonic Cleaner Series 100

Specification	Medical Ultrasonic Cleaner SKU: BJR-601	Medical Ultrasonic Cleaner SKU: BJR-602	Medical Ultrasonic Cleaner SKU: BJR-603
Ultrasonic Power(W)	900	1500	1800
Heating Power(W)	3000	3000	6000
Inner tank Dimension (mm)	500X350X300	600X450X300	740X410X400
Dimensions (mm)	700x650X870	800x650x870	94X660X1010
Frequency Working (Khz)	17/20/25/28/4053/68/80/100/132170/200kHz	17/20/25/28/4053/68/80/100/132170/200kHz	17/20/25/28/4053/68/80/100/132170/200kHz



Medical Ultrasonic Cleaner
SKU: BJR-603

Medical Ultrasonic Cleaner Series 100

Specification	Medical Ultrasonic Cleaner SKU: BJR-604	Medical Ultrasonic Cleaner SKU: BJR-605	Medical Ultrasonic Cleaner SKU: BJR-606
Heating Power(W)	3000	3000	6000
Inner tank Dimension (mm)	500X350X300	600X450X300	740X410X400
Dimensions (mm)	Categories	800x650x870	94X660X1010
Material	304/316L stainless steelThickness:2.0-3.0mmVibrating platechrome coated	304/316L stainless steelThickness:2.0-3.0mmVibrating platechrome coated	304/316L stainless steelThickness:2.0-3.0mmVibrating platechrome coated
Power supply	AC 380V 50Hz	AC 380V 50Hz	AC 380V 50Hz



Medical Ultrasonic Cleaner
SKU: BJR-605

ULTRASONIC CLEANER

MULTI-FREQUENCY DESKTOP ULTRASONIC CLEANER

OVERVIEW

Multi-frequency desktop ultrasonic cleaners provide versatile laboratory cleaning for glassware and instruments. They feature digital display and control with selectable ultrasonic frequencies (28/40 kHz or 40/80/120 kHz), multi-frequency transducers and frequency-sweep generators for efficient cavitation. Stainless-steel tanks, integrated heating up to 80 °C and noise-reduction design deliver reliable, quiet cleaning.

Highlights

- Digital display control
- Selectable frequencies
- Frequency-sweep cleaning
- Stainless steel tank

For Detailed Technical Info & Accessories

Scan to view detailed technical information & accessories, or visit the link below.

CATALOG LINK

https://biolabscientific.com/content/catalogs/7002-Catalog-Biolab.pdf

Multi-Frequency Desktop Ultrasonic Cleaner Series 100

Specification	Multi-Frequency Desktop Ultrasonic Cleaner SKU: BULC-201	Multi-Frequency Desktop Ultrasonic Cleaner SKU: BULC-202	Multi-Frequency Desktop Ultrasonic Cleaner SKU: BULC-203	Multi-Frequency Desktop Ultrasonic Cleaner SKU: BULC-204	Multi-Frequency Desktop Ultrasonic Cleaner SKU: BULC-205
Capacity (L)	11	15	20	22	30
Frequency Working (Khz)	28/40KHz or 40/80KHz or 40/80/120 KHz	28/40KHz or 40/80KHz or 40/80/120 KHz	28/40KHz or 40/80KHz or 40/80/120 KHz	28/40KHz or 40/80KHz or 40/80/120 KHz	28/40KHz or 40/80KHz or 40/80/120 KHz
Ultrasonic Power(W)	240	360	360	480	600
Heating Power(W)	300	400	400	400	500
Timing time(mins)	1-30mins	1-30mins	1-30mins	1-30mins	1-30mins



Multi-Frequency Desktop Ultrasonic Cleaner
SKU: BULC-201



Multi-Frequency Desktop Ultrasonic Cleaner
SKU: BULC-202



Multi-Frequency Desktop Ultrasonic Cleaner
SKU: BULC-203



Multi-Frequency Desktop Ultrasonic Cleaner
SKU: BULC-204



Multi-Frequency Desktop Ultrasonic Cleaner
SKU: BULC-205

ULTRASONIC CLEANER

OVERVIEW

Digital ultrasonic cleaners offer bench-top cleaning with tank capacities roughly 0.8 to 5 L. They operate at single frequencies around 39–41 kHz with ultrasonic powers from 50 to 120 W and include timers and optional heaters up to 80 °C for effective laboratory cleaning.

Highlights

- Various tank capacities
- Single-frequency operation
- Optional heating
- Digital timer control

For Detailed Technical Info & Accessories

Scan to view detailed technical information & accessories, or visit the link below.

CATALOG LINK

https://biolabscientific.com/content/catalogs/7009-Catalog-Biolab.pdf

Ultrasonic Cleaner Series 100

TABLE 1 OF 2

Specification	Ultrasonic Cleaner SKU: BULC-901	Ultrasonic Cleaner SKU: BULC-902	Ultrasonic Cleaner SKU: BULC-903	Ultrasonic Cleaner SKU: BULC-904	Ultrasonic Cleaner SKU: BULC-905
Capacity (L)	6.5	10	15	22.5	30
Ultrasonic Frequency	single frequency, 40 kHz	single frequency, 40 kHz	single frequency, 40 kHz	single frequency, 40 kHz	single frequency, 40 kHz
Time Range/Heating Temp.	1~99min/RT~80°C	1~99min/RT~80°C	1~99min/RT~80°C	1~99min/RT~80°C	1~99min/RT~80°C
Ultrasonic Power (W)	180	240	360	480	600
Heating Power (W)	500	500	500	500	500



Ultrasonic Cleaner
SKU: BULC-901



Ultrasonic Cleaner
SKU: BULC-902



Ultrasonic Cleaner
SKU: BULC-903



Ultrasonic Cleaner
SKU: BULC-904



Ultrasonic Cleaner
SKU: BULC-905

Ultrasonic Cleaner Series 100

TABLE 2 OF 2

Specification	Ultrasonic Cleaner SKU: BULC-906	Ultrasonic Cleaner SKU: BULC-907	Ultrasonic Cleaner SKU: BULC-908	Ultrasonic Cleaner SKU: BULC-909	Ultrasonic Cleaner SKU: BULC-910
Capacity (L)	6.5	10	15	22.5	30
Ultrasonic Frequency	single frequency, 40 kHz	single frequency, 40 kHz	single frequency, 40 kHz	single frequency, 40 kHz	single frequency, 40 kHz
Time Range/Heating Temp.	1~60min/RT~80°C	1~60min/RT~80°C	1~60min/RT~80°C	1~60min/RT~80°C	1~60min/RT~80°C
Ultrasonic Power (W)	180	240	360	480	600
Heating Power (W)	500	500	500	500	500



Ultrasonic Cleaner
SKU: BULC-906



Ultrasonic Cleaner
SKU: BULC-907



Ultrasonic Cleaner
SKU: BULC-908



Ultrasonic Cleaner
SKU: BULC-909



Ultrasonic Cleaner
SKU: BULC-910

Ultrasonic Cleaner Series 100

TABLE 1 OF 2

Specification	Ultrasonic Cleaner SKU: BULC-911	Ultrasonic Cleaner SKU: BULC-912	Ultrasonic Cleaner SKU: BULC-913	Ultrasonic Cleaner SKU: BULC-914	Ultrasonic Cleaner SKU: BULC-915
Capacity (L)	6.5	10	15	22.5	30
Ultrasonic Frequency	Double frequency, 28/40kHz	Double frequency, 28/40kHz	Double frequency, 28/40kHz	Double frequency, 28/40kHz	Double frequency, 28/40kHz
Time Range/Heating Temperature	1~99min/RT~80°C	1~99min/RT~80°C	1~99min/RT~80°C	1~99min/RT~80°C	1~99min/RT~80°C
Ultrasonic Power	180W	240W	360W	480W	600W
Heating Power	500W	500W	500W	500W	500W



Ultrasonic Cleaner
SKU: BULC-911



Ultrasonic Cleaner
SKU: BULC-912



Ultrasonic Cleaner
SKU: BULC-913



Ultrasonic Cleaner
SKU: BULC-914



Ultrasonic Cleaner
SKU: BULC-915

Ultrasonic Cleaner Series 100

TABLE 2 OF 2

Specification	Ultrasonic Cleaner SKU: BULC-916	Ultrasonic Cleaner SKU: BULC-917	Ultrasonic Cleaner SKU: BULC-918	Ultrasonic Cleaner SKU: BULC-919	Ultrasonic Cleaner SKU: BULC-920
Capacity (L)	6.5	10	15	22.5	30
Ultrasonic Frequency	Single frequency, 40kHz	Single frequency, 40kHz	Single frequency, 40kHz	Single frequency, 40kHz	Single frequency, 40kHz
Time Range/Heating Temperature	1~99min/RT~80°C	1~99min/RT~80°C	1~99min/RT~80°C	1~99min/RT~80°C	1~99min/RT~80°C
Ultrasonic Power	180W	240W	360W	480W	600W
Heating Power	500W	500W	500W	500W	500W



Ultrasonic Cleaner
SKU: BULC-916



Ultrasonic Cleaner
SKU: BULC-917



Ultrasonic Cleaner
SKU: BULC-918



Ultrasonic Cleaner
SKU: BULC-919



Ultrasonic Cleaner
SKU: BULC-920

Ultrasonic Cleaner Series 200

TABLE 1 OF 2

Specification	Ultrasonic Cleaner SKU: BER-5801	Ultrasonic Cleaner SKU: BER-5802	Ultrasonic Cleaner SKU: BER-5803	Ultrasonic Cleaner SKU: BER-5804	Ultrasonic Cleaner SKU: BER-5805
Frequency	40KHz	40KHz	40KHz	40KHz	40KHz
Timer	0-30 min	0-30 min	0-30 min	0-30 min	0-30 min
Heater	RT-80°C	RT-80°C	RT-80°C	RT-80°C	RT-80°C
Transducer(PCS)	1	2	3	3	4
Capacity	2L	3.2L	4.5L	6.5L	10L



Ultrasonic Cleaner
SKU: BER-5801



Ultrasonic Cleaner
SKU: BER-5802



Ultrasonic Cleaner
SKU: BER-5803



Ultrasonic Cleaner
SKU: BER-5804



Ultrasonic Cleaner
SKU: BER-5805

Ultrasonic Cleaner Series 200

TABLE 2 OF 2

Specification	Ultrasonic Cleaner SKU: BER-5806	Ultrasonic Cleaner SKU: BER-5807	Ultrasonic Cleaner SKU: BER-5808
Frequency	40KHz	40KHz	40KHz
Timer	0-30 min	0-30 min	0-30 min
Heater	RT-80°C	RT-80°C	RT-80°C
Transducer(PCS)	6	8	10
Capacity	15L	22L	30L



Ultrasonic Cleaner
SKU: BER-5806



Ultrasonic Cleaner
SKU: BER-5807



Ultrasonic Cleaner
SKU: BER-5808

Ultrasonic Cleaner Series 200

Specification	Ultrasonic Cleaner SKU: BER-5901
Frequency	42KHz
Transducer (PCS)	1
Capacity	0.8
Ultrasonic Power(W)	50
Timer	0-30 min



Ultrasonic Cleaner
SKU: BER-5901

Ultrasonic Cleaner Series 300

Specification	Ultrasonic Cleaner SKU: BFG-601
Power	75W
Voltage	220V/50Hz
Tank size	240mm*140mm*150mm
Capacity	5L
Temp. range	20-80°C



Ultrasonic Cleaner
SKU: BFG-601

Ultrasonic Cleaner Series 400

TABLE 1 OF 2

Specification	Ultrasonic Cleaner SKU: BJR-901	Ultrasonic Cleaner SKU: BJR-902	Ultrasonic Cleaner SKU: BJR-903	Ultrasonic Cleaner SKU: BJR-904	Ultrasonic Cleaner SKU: BJR-905
Frequency Working (Khz)	28±1	28±1	28±1	20±0.5	20±0.5
Ultrasonic Power(W)	≤100	≤300	≤300	≤400	≤400
Working diameter(mm)	Φ3 Φ6 Φ8 Φ10	Φ12 Φ15 Φ20	Φ12 Φ15 Φ20	Φ10 Φ15 Φ20 Φ25	Φ10 Φ15 Φ20 Φ25
Working Voltage	Indicator Light	4.3-inch touch screen	4.3-inch touch screen	4.3-inch touch screen	4.3-inch touch screen
Dispersed capacity(mL)	10-100	100-1000	100-1000	200-1000	200-1S000



Ultrasonic Cleaner
SKU: BJR-901



Ultrasonic Cleaner
SKU: BJR-902



Ultrasonic Cleaner
SKU: BJR-903



Ultrasonic Cleaner
SKU: BJR-904



Ultrasonic Cleaner
SKU: BJR-905

Ultrasonic Cleaner Series 400

TABLE 2 OF 2

Specification	Ultrasonic Cleaner SKU: BJR-906	Ultrasonic Cleaner SKU: BJR-907
Frequency Working (Khz)	20±0.5	20±0.5
Ultrasonic Power(W)	≤700	≤700
Working diameter(mm)	Φ20 Φ25 Φ30 Φ35	Φ20 Φ25 Φ30 Φ35
Working Voltage	4.3-inch touch screen	4.3-inch touch screen
Dispersed capacity(mL)	800-5000	800-5000



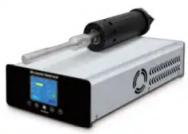
Ultrasonic Cleaner
SKU: BJR-906



Ultrasonic Cleaner
SKU: BJR-907

Ultrasonic Cleaner Series 400

Specification	Ultrasonic Cleaner SKU: BJR-1001	Ultrasonic Cleaner SKU: BJR-1002
Working frequency (Khz)	27.80±0.8	19.90±0.8
Ultrasonic Power (W)	1000	2600
Working Voltage (V)	220±10%	220±10%
Working Diameter (mm)	20	50



Ultrasonic Cleaner
SKU: BJR-1001



Ultrasonic Cleaner
SKU: BJR-1002

Ultrasonic Cleaner Series 400

Specification	Ultrasonic Cleaner SKU: BULC-101	Ultrasonic Cleaner SKU: BULC-102	Ultrasonic Cleaner SKU: BULC-103	Ultrasonic Cleaner SKU: BULC-104
Capacity (mL)	600	750	1400	2500
Frequency Working (Khz)	41±1.5	41±1.5	39±1.5	39±1.5
Ultrasonic Power(W)	50	50	60	70
Heating Power(W)	NO	NO	NO	100
Timing time(mins)	1-5mins	1-5mins	1-5mins	1-8mins



Ultrasonic Cleaner
SKU: BULC-101



Ultrasonic Cleaner
SKU: BULC-102



Ultrasonic Cleaner
SKU: BULC-103



Ultrasonic Cleaner
SKU: BULC-104

Ultrasonic Cleaner Series 400

TABLE 1 OF 5

Specification	Ultrasonic Cleaner SKU: BULC-301	Ultrasonic Cleaner SKU: BULC-302	Ultrasonic Cleaner SKU: BULC-303	Ultrasonic Cleaner SKU: BULC-304	Ultrasonic Cleaner SKU: BULC-305
Capacity (L)	1.3	2	2	3.2	5
Frequency Working (Khz)	39±1.5	39±1.5	39±1.5	39±1.5	39±1.5
Ultrasonic Power(W)	70	70	70	120	120
Heating Power(W)	NO	NO	100	100	200
Timing time(mins)	10-600s	10-600s	10-600s	1-99min	1-99 mins



Ultrasonic Cleaner
SKU: BULC-301



Ultrasonic Cleaner
SKU: BULC-302



Ultrasonic Cleaner
SKU: BULC-303



Ultrasonic Cleaner
SKU: BULC-304



Ultrasonic Cleaner
SKU: BULC-305

Ultrasonic Cleaner Series 400

TABLE 2 OF 5

Specification	Ultrasonic Cleaner SKU: BULC-306	Ultrasonic Cleaner SKU: BULC-307	Ultrasonic Cleaner SKU: BULC-308	Ultrasonic Cleaner SKU: BULC-309	Ultrasonic Cleaner SKU: BULC-310
Capacity (L)	4.5	6.8	11	15	20
Frequency Working (Khz)	39±1.5	39±1.5	39±1.5	39±1.5	39±1.5
Ultrasonic Power(W)	180	180	240	360	360
Heating Power(W)	200	300	400	500(220V)400(110V)	500(220V)400(110V)
Timing time(mins)	1-99 mins	1-99 mins	1-99 mins	1-99min	1-99min



Ultrasonic Cleaner
SKU: BULC-306



Ultrasonic Cleaner
SKU: BULC-307



Ultrasonic Cleaner
SKU: BULC-308



Ultrasonic Cleaner
SKU: BULC-309



Ultrasonic Cleaner
SKU: BULC-310

Ultrasonic Cleaner Series 400

TABLE 3 OF 5

Specification	Ultrasonic Cleaner SKU: BULC-311	Ultrasonic Cleaner SKU: BULC-312	Ultrasonic Cleaner SKU: BULC-313	Ultrasonic Cleaner SKU: BULC-601	Ultrasonic Cleaner SKU: BULC-602
Capacity (L)	22	30	30	3.2	5
Frequency Working (Khz)	39±1.5	39±1.5	27±1.5	39±1.5	39±1.5
Ultrasonic Power(W)	480	600	600	120	120
Heating Power(W)	600(220V)500(110V)	600(220V)500(110V)	600(220V)500(110V)	100	200
Timing time(mins)	1-99min	1-99min	1-99min	10s-100min	10s-100min



Ultrasonic Cleaner
SKU: BULC-311



Ultrasonic Cleaner
SKU: BULC-312



Ultrasonic Cleaner
SKU: BULC-313



Ultrasonic Cleaner
SKU: BULC-601



Ultrasonic Cleaner
SKU: BULC-602

Ultrasonic Cleaner Series 400

TABLE 4 OF 5

Specification	Ultrasonic Cleaner SKU: BULC-603	Ultrasonic Cleaner SKU: BULC-604	Ultrasonic Cleaner SKU: BULC-605	Ultrasonic Cleaner SKU: BULC-606	Ultrasonic Cleaner SKU: BULC-607
Capacity (L)	4.5	6.8	11	15	20
Frequency Working (Khz)	39±1.5	39±1.5	39±1.5	39±1.5	39±1.5
Ultrasonic Power(W)	180	180	240	360	360
Heating Power(W)	200	200	300	400	400
Timing time(mins)	10s-100min	10s-100min	10s-100min	10s-100min	10s-100min



Ultrasonic Cleaner
SKU: BULC-603



Ultrasonic Cleaner
SKU: BULC-604



Ultrasonic Cleaner
SKU: BULC-605



Ultrasonic Cleaner
SKU: BULC-606



Ultrasonic Cleaner
SKU: BULC-607

Ultrasonic Cleaner Series 400

TABLE 5 OF 5

Specification	Ultrasonic Cleaner SKU: BULC-608
Capacity (L)	22
Frequency Working (Khz)	39±1.5
Ultrasonic Power(W)	480
Heating Power(W)	500
Timing time(mins)	10s-100min



Ultrasonic Cleaner
SKU: BULC-608

Ultrasonic Cleaner Series 400

Specification	Ultrasonic Cleaner SKU: BULC-609
Capacity (L)	30
Ultrasonic Power(W)	600
Heating Power(W)	500
Timing time(mins)	10s-100min
Temperature Range(°C)	20-80



Ultrasonic Cleaner
SKU: BULC-609

VACUUM PUMP

LIQUID SUCTION VACUUM PUMP

OVERVIEW

Oil-free vacuum pumps are designed for safe aspiration of culture fluids and waste liquids. They incorporate an integrated waste bottle with quick-release connectors, multiple suction heads, adjustable negative pressure and foot-switch control, plus PTFE filtration and overflow protection.

Highlights

- Oil-free vacuum system
- Adjustable negative pressure
- Multi-head suction handle
- Overflow protection

For Detailed Technical Info & Accessories

Scan to view detailed technical information & accessories, or visit the link below.

CATALOG LINK

https://biolabscientific.com/content/catalogs/5401-Catalog-Biolab.pdf

Liquid Suction Vacuum Pump Series 100

Specification	Liquid Suction Vacuum Pump SKU: BVAP-101	Liquid Suction Vacuum Pump SKU: BVAP-102	Liquid Suction Vacuum Pump SKU: BVAP-103	Liquid Suction Vacuum Pump SKU: BVAP-201	Liquid Suction Vacuum Pump SKU: BVAP-202
Max. flow rate	26L/min	35L/min	42L/min	8L/min	8L/min
Vacuum degree	-0.08Mpa	-0.08Mpa	-0.08Mpa	-0.065Mpa	-0.065Mpa
Vacuum display mode	Vacuum gauge	Vacuum gauge	Vacuum gauge	Vacuum gauge	Digital display
Negative pressure adjustment range	0~-0.08Mpa	0~-0.08Mpa	0~-0.08Mpa	0~-0.065Mpa	0~-650mbar
Waste liquid bottle capacity	2500mL	2500mL	2500mL	1000mL	1000mL



Liquid Suction Vacuum Pump
SKU: BVAP-101



Liquid Suction Vacuum Pump
SKU: BVAP-102



Liquid Suction Vacuum Pump
SKU: BVAP-103



Liquid Suction Vacuum Pump
SKU: BVAP-201



Liquid Suction Vacuum Pump
SKU: BVAP-202

Liquid Suction Vacuum Pump Series 200

Specification	Liquid Suction Vacuum Pump SKU: BVAP-301	Liquid Suction Vacuum Pump SKU: BVAP-302	Liquid Suction Vacuum Pump SKU: BVAP-303	Liquid Suction Vacuum Pump SKU: BVAP-304
Displacement speed (50Hz m3/h(L/s))	4(1.1)	8(2.2)	16(4.4)	24(6.6)
Displacement speed (60Hz m3/h(L/s))	4.8(1.3)	9.6(2.6)	19.2(5.2)	28.8(7.9)
Ultimate partial pressure gas ballast close	5x10 - 2Pa	5x10 - 2Pa	4x10 - 2Pa	4x10 - 2Pa
Ultimate total pressure gas ballast close	5x10 - 1Pa	5x10 - 1Pa	4x10 - 1Pa	4x10 - 1Pa
Ultimate total pressure gas ballast open	10 Pa	10 Pa	8x10 - 1Pa	8x10 - 1Pa



Liquid Suction Vacuum Pump
SKU: BVAP-301



Liquid Suction Vacuum Pump
SKU: BVAP-302



Liquid Suction Vacuum Pump
SKU: BVAP-303



Liquid Suction Vacuum Pump
SKU: BVAP-304

WATER PURIFICATION SYSTEM

BASIC WATER PURIFICATION SYSTEM

OVERVIEW

These systems produce purified lab water from tap or pre-treated sources by sequential filtration stages, including pre-filter, activated carbon, reverse osmosis, deionization and optional UV or terminal filtration, operating within 5–45 °C and 1–4 Kgf/cm² water pressure

Highlights

- Multi-stage filtration
- Tap water compatible
- 5–45 °C operation
- 1–4 kgf cm² pressure

For Detailed Technical Info & Accessories

Scan to view detailed technical information & accessories, or visit the link below.

CATALOG LINK

https://biolabscientific.com/content/catalogs/3001-Catalog-Biolab.pdf

Basic Water Purification System Series 100

Specification	Basic Water Purification System SKU: BBPS-201	Basic Water Purification System SKU: BBPS-202	Basic Water Purification System SKU: BEU-303	Basic Water Purification System SKU: BEU-304
Water Inlet	RO water, Distilled water, Deionized water	RO water, Distilled water, Deionized water	RO water, Distilled water, Deionized water	RO water, Distilled water, Deionized water
Temperature	5-45°C	5-45°C	5-45°C	5-45°C
Pressure	1 atm*	1 atm*	1 atm*	1 atm*
Flow Procedure	AC+DI+TF	AC+DI+UF+TF	UV+AC+DI+TF	UV+AC+DI+UF+TF
Output (25°C)	Utmost up to 2.0 L/min (less output with UF cartridge)	Utmost up to 2.0 L/min (less output with UF cartridge)	Utmost up to 2.0 L/min (less output with UF cartridge)	Utmost up to 2.0 L/min (less output with UF cartridge)



Basic Water Purification System
SKU: BBPS-201



Basic Water Purification System
SKU: BBPS-202



Basic Water Purification System
SKU: BEU-303



Basic Water Purification System
SKU: BEU-304

Basic Water Purification System Series 100

TABLE 1 OF 3

Specification	Basic Water Purification System SKU: BBPS-301	Basic Water Purification System SKU: BBPS-302	Basic Water Purification System SKU: BBPS-401	Basic Water Purification System SKU: BBPS-402	Basic Water Purification System SKU: BBPS-403
Water Inlet	Tap water: TDS200 ppm)	Tap water: TDS200 ppm)	Tap water: TDS200 ppm)	Tap water: TDS200 ppm)	Tap water: TDS200 ppm)
Temperature	5-45°C	5-45°C	5-45°C	5-45°C	5-45°C
Pressure	1.0-4.0 Kgf/cm²	1.0-4.0 Kgf/cm²	1.0-4.0 Kgf/cm²	1.0-4.0 Kgf/cm²	1.0-4.0 Kgf/cm²
Flow Procedure	PF+AC+RO+AC	PF+AC+RO+AC	PF+AC+RO+DI	PF+AC+RO+DI+UV+TF	PF+AC+RO+DI
Ion rejection rate	96%-99% (New RO membrane)	96%-99% (New RO membrane)	96%-99% (New RO membrane)	96%-99% (New RO membrane)	96%-99% (New RO membrane)



Basic Water Purification System
SKU: BBPS-301



Basic Water Purification System
SKU: BBPS-302



Basic Water Purification System
SKU: BBPS-401



Basic Water Purification System
SKU: BBPS-402



Basic Water Purification System
SKU: BBPS-403

Basic Water Purification System Series 100

TABLE 2 OF 3

Specification	Basic Water Purification System SKU: BBPS-404	Basic Water Purification System SKU: BBPS-501	Basic Water Purification System SKU: BBPS-502	Basic Water Purification System SKU: BBPS-503	Basic Water Purification System SKU: BBPS-504
Water Inlet	Tap water: TDS200 ppm)	Tap water: TDS200 ppm)	Tap water: TDS200 ppm)	Tap water: TDS200 ppm)	Tap water: TDS200 ppm)
Temperature	5-45°C	5-45°C	5-45°C	5-45°C	5-45°C
Pressure	1.0-4.0 Kgf/cm²	1.0-4.0 Kgf/cm²	1.0-4.0 Kgf/cm²	1.0-4.0 Kgf/cm²	1.0-4.0 Kgf/cm²
Flow Procedure	PF+AC+RO+DI+UV+TF	PF+AC+RO+DI+TF	PF+AC+RO+DI+UF+TF	PF+AC+RO+UV+DI+TF	—
Ion rejection rate	96%-99% (New RO membrane)	96%-99% (New RO membrane)	96%-99% (New RO membrane)	96%-99% (New RO membrane)	96%-99% (New RO membrane)



Basic Water Purification System
SKU: BBPS-404



Basic Water Purification System
SKU: BBPS-501



Basic Water Purification System
SKU: BBPS-502



Basic Water Purification System
SKU: BBPS-503



Basic Water Purification System
SKU: BBPS-504

Basic Water Purification System Series 100

TABLE 3 OF 3

Specification	Basic Water Purification System SKU: BBPS-505	Basic Water Purification System SKU: BBPS-506	Basic Water Purification System SKU: BBPS-507	Basic Water Purification System SKU: BBPS-508
Water Inlet	Tap water: TDS200 ppm)	Tap water: TDS200 ppm)	Tap water: TDS200 ppm)	Tap water: TDS200 ppm)
Temperature	5-45°C	5-45°C	5-45°C	5-45°C
Pressure	1.0-4.0 Kgf/cm²	1.0-4.0 Kgf/cm²	1.0-4.0 Kgf/cm²	1.0-4.0 Kgf/cm²
Flow Procedure	PF+AC+RO+DI+TF	PF+AC+RO+DI+UF+TF	PF+AC+RO+UV+DI+TF	—
Ion rejection rate	96%-99% (New RO membrane)	96%-99% (New RO membrane)	96%-99% (New RO membrane)	96%-99% (New RO membrane)



Basic Water Purification System
SKU: BBPS-505



Basic Water Purification System
SKU: BBPS-506



Basic Water Purification System
SKU: BBPS-507



Basic Water Purification System
SKU: BBPS-508

WATER PURIFICATION SYSTEM

LABORATORY WATER PURIFICATION SYSTEM

OVERVIEW

These systems use multi-stage purification with double-stage reverse osmosis and polishing cartridges to produce high-purity water up to 18.2 MΩ·cm resistivity. They include built-in storage tanks, online sensors, alarms and microprocessor control, and require only tap water input.

Highlights

- Double-stage RO purification
- Ultrapure water output
- Integrated storage tanks
- Microprocessor monitoring

For Detailed Technical Info & Accessories

Scan to view detailed technical information & accessories, or visit the link below.

CATALOG LINK

https://biolabscientific.com/content/catalogs/3002-Catalog-Biolab.pdf

Laboratory Water Purification System Series 100

TABLE 1 OF 5

Specification	Laboratory Water Purification System SKU: BLPS-101	Laboratory Water Purification System SKU: BLPS-102	Laboratory Water Purification System SKU: BLPS-103	Laboratory Water Purification System SKU: BLPS-104	Laboratory Water Purification System SKU: BLPS-201
Water Inlet	Tap water	Tap water	Tap water	Tap water	Tap water
Temperature	5-45°C	5-45°C	5-45°C	5-45°C	5-45°C
Pressure	1.0-4.0 Kgf/cm²	1.0-4.0 Kgf/cm²	1.0-4.0 Kgf/cm²	1.0-4.0 Kgf/cm²	1.0-4.0 Kgf/cm²
DimensionLxWxH	545x470x610 mm	545x470x610 mm	545x470x610 mm	545x470x610 mm	545x470x610 mm
Weight	20 kg	20 kg	20 kg	20 kg	20 kg



Laboratory Water Purification System
SKU: BLPS-101



Laboratory Water Purification System
SKU: BLPS-102



Laboratory Water Purification System
SKU: BLPS-103



Laboratory Water Purification System
SKU: BLPS-104



Laboratory Water Purification System
SKU: BLPS-201

Laboratory Water Purification System Series 100

TABLE 2 OF 5

Specification	Laboratory Water Purification System SKU: BLPS-202	Laboratory Water Purification System SKU: BLPS-203	Laboratory Water Purification System SKU: BLPS-204	Laboratory Water Purification System SKU: BLPS-301	Laboratory Water Purification System SKU: BLPS-302
Water Inlet	Tap water	Tap water	Tap water	Distilled water, Deionized water or reverse osmosis water	Distilled water, Deionized water or reverse osmosis water
Temperature	5-45°C	5-45°C	5-45°C	5-45°C	5-45°C
Pressure	1.0-4.0 Kgf/cm²	1.0-4.0 Kgf/cm²	1.0-4.0 Kgf/cm²	1 atm	1 atm
DimensionLxWxH	545x470x610 mm	545x470x610 mm	545x470x610 mm	545x470x610 mm	545x470x610 mm
Weight	20 kg	20 kg	20 kg	20 kg	20 kg



Laboratory Water Purification System
SKU: BLPS-202



Laboratory Water Purification System
SKU: BLPS-203



Laboratory Water Purification System
SKU: BLPS-204



Laboratory Water Purification System
SKU: BLPS-301



Laboratory Water Purification System
SKU: BLPS-302

Laboratory Water Purification System Series 100

TABLE 3 OF 5

Specification	Laboratory Water Purification System SKU: BLPS-303	Laboratory Water Purification System SKU: BLPS-304	Laboratory Water Purification System SKU: BLPS-401	Laboratory Water Purification System SKU: BLPS-402	Laboratory Water Purification System SKU: BLPS-501
Water Inlet	Distilled water, Deionized water or reverse osmosis water	Distilled water, Deionized water or reverse osmosis water	Tap water	Tap water	Tap water
Temperature	5-45°C	5-45°C	5-45°C	5-45°C	5-45°C
Pressure	1 atm	1 atm	1.0-4.0 Kgf/cm²	1.0-4.0 Kgf/cm²	1.0-4.0 Kgf/cm²
DimensionLxWxH	545x470x610 mm	545x470x610 mm	570x600x1500 mm	570x600x1500 mm	570x600x1500 mm
Weight	20 kg	20 kg	60 kg	60 kg	60 kg



Laboratory Water Purification System
SKU: BLPS-303



Laboratory Water Purification System
SKU: BLPS-304



Laboratory Water Purification System
SKU: BLPS-401



Laboratory Water Purification System
SKU: BLPS-402



Laboratory Water Purification System
SKU: BLPS-501

Laboratory Water Purification System Series 100

TABLE 4 OF 5

Specification	Laboratory Water Purification System SKU: BLPS-502	Laboratory Water Purification System SKU: BLPS-503	Laboratory Water Purification System SKU: BLPS-504	Laboratory Water Purification System SKU: BLPS-601	Laboratory Water Purification System SKU: BLPS-602
Water Inlet	Tap water	Tap water	Tap water	Tap water	Tap water
Temperature	5-45°C	5-45°C	5-45°C	5-45°C	5-45°C
Pressure	1.0-4.0 Kgf/cm²	1.0-4.0Kgf/cm²	1.0-4.0 Kgf/cm²	1.0-4.0 Kgf/cm²	1.0-4.0 Kgf/cm²
DimensionLxWxH	570x600x1500 mm	570x600x1500 mm	570x600x1500 mm	570x600x1500 mm	570x600x1500 mm
Weight	60 kg	60 kg	60 kg	60 kg	60 kg



Laboratory Water Purification System
SKU: BLPS-502



Laboratory Water Purification System
SKU: BLPS-503



Laboratory Water Purification System
SKU: BLPS-504



Laboratory Water Purification System
SKU: BLPS-601



Laboratory Water Purification System
SKU: BLPS-602

Laboratory Water Purification System Series 100

TABLE 5 OF 5

Specification	Laboratory Water Purification System SKU: BLPS-603	Laboratory Water Purification System SKU: BLPS-604
Water Inlet	Tap water	Tap water
Temperature	5-45°C	5-45°C
Pressure	1.0-4.0 Kgf/cm²	1.0-4.0 Kgf/cm²
DimensionLxWxH	570x600x1500 mm	570x600x1500 mm
Weight	60 kg	60 kg



Laboratory Water Purification System
SKU: BLPS-603



Laboratory Water Purification System
SKU: BLPS-604

Laboratory Water Purification System Series 100

Specification	Laboratory Water Purification System SKU: BLPS-701	Laboratory Water Purification System SKU: BLPS-702
Water Inlet	Tap water: TDS200 ppm)	Tap water: TDS200 ppm)
Temperature	5-45°C	5-45°C
Pressure	1.0-4.0 Kgf/cm²	1.0-4.0 Kgf/cm²
Flow Procedure**	-	-
Ion rejection rate	96%-99% (New RO membrane)	96%-99% (New RO membrane)



Laboratory Water Purification System
SKU: BLPS-701



Laboratory Water Purification System
SKU: BLPS-702

Laboratory Water Purification System Series 100

Specification	Laboratory Water Purification System SKU: BLPS-801	Laboratory Water Purification System SKU: BLPS-803	Laboratory Water Purification System SKU: BLPS-804
Water Inlet	Tap water: TDS200 ppm)	Tap water: TDS200 ppm)	Tap water: TDS200 ppm)
Temperature	5-45°C	5-45°C	5-45°C
Pressure	1.0-4.0 Kgf/cm²	1.0-4.0 Kgf/cm²	1.0-4.0 Kgf/cm²
Output(25°C)**	10 L/hrs	10 L/hrs	10 L/hrs
Pure water outlet	2:Electro Deionization water, ultrapure water	2:Electro Deionization water, ultrapure water	2:Electro Deionization water, ultrapure water



Laboratory Water Purification System
SKU: BLPS-801



Laboratory Water Purification System
SKU: BLPS-803



Laboratory Water Purification System
SKU: BLPS-804

Laboratory Water Purification System Series 100

Specification	Laboratory Water Purification System SKU: BLPS-802
Output(25°C)	10 liters/hour
Pure water outlet	2: deionized water, ultrapure water
Resistivity	18.2 MΩcm
Endotoxin	< 0.001Eu/ml
Silicone rejection rate	>99.9%



Laboratory Water Purification System
SKU: BLPS-802

WATER PURIFICATION SYSTEM

LARGE CAPACITY WATER PURIFICATION SYSTEM

OVERVIEW

High-throughput purification units deliver 45–500 L/h of purified water using multiple stages of filtration, reverse osmosis, deionization and microfiltration. They feature built-in tanks, programmable control with LCD display, self-flushing to protect membranes, and alarms for maintenance.

Highlights

- High output capacity
- Multi-stage purification
- Programmable LCD control
- Self-flushing protection

For Detailed Technical Info & Accessories

Scan to view detailed technical information & accessories, or visit the link below.

CATALOG LINK

https://biolabscientific.com/content/catalogs/3003-Catalog-Biolab.pdf

Large Capacity Water Purification System Series 100

TABLE 1 OF 6

Specification	Large Capacity Water Purification System SKU: BCPS-101	Large Capacity Water Purification System SKU: BCPS-102	Large Capacity Water Purification System SKU: BCPS-103	Large Capacity Water Purification System SKU: BCPS-104	Large Capacity Water Purification System SKU: BCPS-201
Water Inlet	Tap water: TDS200 ppm)	Tap water: TDS200 ppm)	Tap water: TDS200 ppm)	Tap water: TDS200 ppm)	Tap water: TDS200 ppm)
Temperature	5-45°C	5-45°C	5-45°C	5-45°C	5-45°C
Pressure	1.0-4.0 Kgf/cm²	1.0-4.0 Kgf/cm²	1.0-4.0 Kgf/cm²	1.0-4.0 Kgf/cm²	1.0-4.0 Kgf/cm²
Flow Procedure**	PF+AC+RO+AC	PF+AC+RO+AC	PF+AC+RO+AC	PF+AC+RO+AC	PF+AC+RO+AC+DI+TF
Ion rejection rate	96%-99% (New RO membrane)	96%-99% (New RO membrane)	96%-99% (New RO membrane)	96%-99% (New RO membrane)	96%-99% (New RO membrane)



Large Capacity Water Purification System
SKU: BCPS-101



Large Capacity Water Purification System
SKU: BCPS-102



Large Capacity Water Purification System
SKU: BCPS-103



Large Capacity Water Purification System
SKU: BCPS-104



Large Capacity Water Purification System
SKU: BCPS-201

Large Capacity Water Purification System Series 100

TABLE 2 OF 6

Specification	Large Capacity Water Purification System SKU: BCPS-202	Large Capacity Water Purification System SKU: BCPS-203	Large Capacity Water Purification System SKU: BCPS-204	Large Capacity Water Purification System SKU: BCPS-301	Large Capacity Water Purification System SKU: BCPS-302
Water Inlet	Tap water: TDS200ppm)	Tap water: TDS200 ppm)	Tap water: TDS200 ppm)	Tap water: TDS200 ppm)	Tap water: TDS200 ppm)
Temperature	5-45°C	5-45°C	5-45°C	5-45°C	5-45°C
Pressure	1.0-4.0 Kgf/cm²	1.0-4.0 Kgf/cm²	1.0-4.0 Kgf/cm²	1.0-4.0 Kgf/cm²	1.0-4.0 Kgf/cm²
Flow Procedure**	PF+AC+RO+AC+DI+TF	PF+AC+RO+AC+DI+TF	PF+AC+RO+AC+DI+TF	PF+AC+RO+AC+DI+TF	PF+AC+RO+AC+DI+UF+TF
Ion rejection rate	96%-99% (New RO membrane)	96%-99% (New RO membrane)	96%-99% (New RO membrane)	96%-99% (New RO membrane)	96%-99% (New RO membrane)



Large Capacity Water Purification System
SKU: BCPS-202



Large Capacity Water Purification System
SKU: BCPS-203



Large Capacity Water Purification System
SKU: BCPS-204



Large Capacity Water Purification System
SKU: BCPS-301



Large Capacity Water Purification System
SKU: BCPS-302

Large Capacity Water Purification System Series 100

TABLE 3 OF 6

Specification	Large Capacity Water Purification System SKU: BCPS-303	Large Capacity Water Purification System SKU: BCPS-304	Large Capacity Water Purification System SKU: BCPS-305	Large Capacity Water Purification System SKU: BCPS-306	Large Capacity Water Purification System SKU: BCPS-307
Water Inlet	Tap water: TDS200 ppm)	Tap water: TDS200 ppm)	Tap water: TDS200 ppm)	Tap water: TDS200 ppm)	Tap water: TDS200 ppm)
Temperature	5-45°C	5-45°C	5-45°C	5-45°C	5-45°C
Pressure	1.0-4.0 Kgf/cm²	1.0-4.0 Kgf/cm²	1.0-4.0 Kgf/cm²	1.0-4.0 Kgf/cm²	1.0-4.0 Kgf/cm²
Flow Procedure**	PF+AC+RO+AC+UV+DI+TF	PF+AC+RO+AC+UV+DI+UF+TF	PF+AC+RO+AC+DI+TF	PF+AC+RO+AC+DI+UF+TF	PF+AC+RO+AC+UV+DI+TF
Ion rejection rate	96%-99% (New RO membrane)	96%-99% (New RO membrane)	96%-99% (New RO membrane)	96%-99% (New RO membrane)	96%-99% (New RO membrane)



Large Capacity Water Purification System
SKU: BCPS-303



Large Capacity Water Purification System
SKU: BCPS-304



Large Capacity Water Purification System
SKU: BCPS-305



Large Capacity Water Purification System
SKU: BCPS-306



Large Capacity Water Purification System
SKU: BCPS-307

Large Capacity Water Purification System Series 100

TABLE 4 OF 6

Specification	Large Capacity Water Purification System SKU: BCPS-308	Large Capacity Water Purification System SKU: BCPS-309	Large Capacity Water Purification System SKU: BCPS-310	Large Capacity Water Purification System SKU: BCPS-311	Large Capacity Water Purification System SKU: BCPS-312
Water Inlet	Tap water: TDS200 ppm)	Tap water: TDS200 ppm)	Tap water: TDS200 ppm)	Tap water: TDS200 ppm)	Tap water: TDS200 ppm)
Temperature	5-45°C	5-45°C	5-45°C	5-45°C	5-45°C
Pressure	1.0-4.0 Kgf/cm²	1.0-4.0 Kgf/cm²	1.0-4.0 Kgf/cm²	1.0-4.0 Kgf/cm²	1.0-4.0 Kgf/cm²
Flow Procedure**	PF+AC+RO+AC+UV+DI+UF+TF	PF+AC+RO+AC+DI+TF	PF+AC+RO+AC+DI+UF+TF	PF+AC+RO+AC+UV+DI+TF	PF+AC+RO+AC+UV+DI+UF+TF
Ion rejection rate	96%-99% (New RO membrane)	96%-99% (New RO membrane)	96%-99% (New RO membrane)	96%-99% (New RO membrane)	96%-99% (New RO membrane)



Large Capacity Water Purification System
SKU: BCPS-308



Large Capacity Water Purification System
SKU: BCPS-309



Large Capacity Water Purification System
SKU: BCPS-310



Large Capacity Water Purification System
SKU: BCPS-311



Large Capacity Water Purification System
SKU: BCPS-312

Large Capacity Water Purification System Series 100

TABLE 5 OF 6

Specification	Large Capacity Water Purification System SKU: BCPS-313	Large Capacity Water Purification System SKU: BCPS-314	Large Capacity Water Purification System SKU: BCPS-315	Large Capacity Water Purification System SKU: BCPS-316	Large Capacity Water Purification System SKU: BCPS-501
Water Inlet	Tap water: TDS200 ppm)	Tap water: TDS200 ppm)	Tap water: TDS200 ppm)	Tap water: TDS200 ppm)	Tap water: TDS200 ppm)
Temperature	5-45°C	5-45°C	5-45°C	5-45°C	5-45°C
Pressure	1.0-4.0 Kgf/cm²	1.0-4.0 Kgf/cm²	1.0-4.0 Kgf/cm²	1.0-4.0 Kgf/cm²	1.0-4.0 Kgf/cm²
Flow Procedure**	PF+AC+RO+AC+DI+TF	PF+AC+RO+AC+DI+UF+TF	PF+AC+RO+AC+UV+DI+TF	PF+AC+RO+AC+UV+DI+UF+TF	PF+AC+RO+RO+AC
Ion rejection rate	96%-99% (New RO membrane)	96%-99% (New RO membrane)	96%-99% (New RO membrane)	96%-99% (New RO membrane)	96%-99% (New RO membrane)



Large Capacity Water Purification System
SKU: BCPS-313



Large Capacity Water Purification System
SKU: BCPS-314



Large Capacity Water Purification System
SKU: BCPS-315



Large Capacity Water Purification System
SKU: BCPS-316



Large Capacity Water Purification System
SKU: BCPS-501

Large Capacity Water Purification System Series 100

TABLE 6 OF 6

Specification	Large Capacity Water Purification System SKU: BCPS-502	Large Capacity Water Purification System SKU: BCPS-503
Water Inlet	Tap water: TDS200 ppm)	Tap water: TDS200 ppm)
Temperature	5-45°C	5-45°C
Pressure	1.0-4.0 Kgf/cm²	1.0-4.0 Kgf/cm²
Flow Procedure**	PF+AC+RO+RO+AC+DI	PF+AC+RO+RO+AC
Ion rejection rate	96%-99% (New RO membrane)	96%-99% (New RO membrane)



Large Capacity Water Purification System
SKU: BCPS-502



Large Capacity Water Purification System
SKU: BCPS-503

Large Capacity Water Purification System Series 100

TABLE 1 OF 4

Specification	Large Capacity Water Purification System SKU: BCPS-401	Large Capacity Water Purification System SKU: BCPS-402	Large Capacity Water Purification System SKU: BCPS-403	Large Capacity Water Purification System SKU: BCPS-404	Large Capacity Water Purification System SKU: BCPS-405
Water Inlet	Tap water: TDS200 ppm)	Tap water: TDS200 ppm)	Tap water: TDS200 ppm)	Tap water: TDS200 ppm)	Tap water: TDS200 ppm)
Temperature	5-45°C	5-45°C	5-45°C	5-45°C	5-45°C
Pressure	1.0-4.0 Kgf/cm²	1.0-4.0 Kgf/cm²	1.0-4.0 Kgf/cm²	1.0-4.0 Kgf/cm²	1.0-4.0 Kgf/cm²
Flow Procedure**	PF+AC+RO+RO+AC	PF+AC+RO+RO+AC	PF+AC+RO+RO+AC	PF+AC+RO+RO+AC+ DI+TF	PF+AC+RO+RO+AC+ DI+TF
Output(25°C)****	1st stage RO water: 63 L/hr, 2nd stage RO water: 30 L/hr	1st stage RO water: 94 L/hr, 2nd stage RO water: 45 L/hr	1st stage RO water: 125 L/hr, 2nd stage RO water: 60 L/hr	1st stage RO water: 63 L/hr, 2nd stage RO water: 30 L/hr	1st stage RO water: 94 L/hr, 2nd stage RO water: 45 L/hr



Large Capacity Water Purification System
SKU: BCPS-401



Large Capacity Water Purification System
SKU: BCPS-402



Large Capacity Water Purification System
SKU: BCPS-403



Large Capacity Water Purification System
SKU: BCPS-404



Large Capacity Water Purification System
SKU: BCPS-405

Large Capacity Water Purification System Series 100

TABLE 2 OF 4

Specification	Large Capacity Water Purification System SKU: BCPS-406	Large Capacity Water Purification System SKU: BCPS-407	Large Capacity Water Purification System SKU: BCPS-408	Large Capacity Water Purification System SKU: BCPS-409	Large Capacity Water Purification System SKU: BCPS-410
Water Inlet	Tap water: TDS200 ppm)	Tap water: TDS200 ppm)	Tap water: TDS200 ppm)	Tap water: TDS200 ppm)	Tap water: TDS200 ppm)
Temperature	5-45°C	5-45°C	5-45°C	5-45°C	5-45°C
Pressure	1.0-4.0 Kgf/cm²	1.0-4.0 Kgf/cm²	1.0-4.0 Kgf/cm²	1.0-4.0 Kgf/cm²	1.0-4.0 Kgf/cm²
Flow Procedure**	PF+AC+RO+RO+AC+DI+TF	PF+AC+RO+RO+(UV)+AC+DI+(UF)+TF	PF+AC+RO+RO+(UV)+AC+DI+(UF)+TF	PF+AC+RO+RO+(UV)+AC+DI+(UF)+TF	PF+AC+RO+RO+(UV)+AC+DI+(UF)+TF
Output(25°C)****	1st stage RO water: 125 L/hr, 2nd stage RO water: 60 L/hr	1st stage RO water: 63 L/hr, 2nd stage RO water: 30 L/hr	1st stage RO water: 63 L/hr, 2nd stage RO water: 30 L/hr	1st stage RO water: 63 L/hr, 2nd stage RO water: 30 L/hr	1st stage RO water: 63 L/hr, 2nd stage RO water: 30 L/hr



Large Capacity Water Purification System
SKU: BCPS-406



Large Capacity Water Purification System
SKU: BCPS-407



Large Capacity Water Purification System
SKU: BCPS-408



Large Capacity Water Purification System
SKU: BCPS-409



Large Capacity Water Purification System
SKU: BCPS-410

Large Capacity Water Purification System Series 100

TABLE 3 OF 4

Specification	Large Capacity Water Purification System SKU: BCPS-411	Large Capacity Water Purification System SKU: BCPS-412	Large Capacity Water Purification System SKU: BCPS-413	Large Capacity Water Purification System SKU: BCPS-414	Large Capacity Water Purification System SKU: BCPS-415
Water Inlet	Tap water: TDS200 ppm)	Tap water: TDS200 ppm)	Tap water: TDS200 ppm)	Tap water: TDS200 ppm)	Tap water: TDS200 ppm)
Temperature	5-45°C	5-45°C	5-45°C	5-45°C	5-45°C
Pressure	1.0-4.0 Kgf/cm²	1.0-4.0 Kgf/cm²	1.0-4.0 Kgf/cm²	1.0-4.0 Kgf/cm²	1.0-4.0 Kgf/cm²
Flow Procedure**	PF+AC+RO+RO+(UV)+AC+DI+(UF)+TF	PF+AC+RO+RO+(UV)+AC+DI+(UF)+TF	PF+AC+RO+RO+(UV)+AC+DI+(UF)+TF	PF+AC+RO+RO+(UV)+AC+DI+(UF)+TF	PF+AC+RO+RO+(UV)+AC+DI+(UF)+TF
Output(25°C)****	1st stage RO water: 94 L/hr, 2nd stage RO water: 45 L/hr	1st stage RO water: 94 L/hr, 2nd stage RO water: 45 L/hr	1st stage RO water: 94 L/hr, 2nd stage RO water: 45 L/hr	1st stage RO water: 94 L/hr, 2nd stage RO water: 45 L/hr	1st stage RO water: 125 L/hr, 2nd stage RO water: 60 L/hr



Large Capacity Water Purification System
SKU: BCPS-411



Large Capacity Water Purification System
SKU: BCPS-412



Large Capacity Water Purification System
SKU: BCPS-413



Large Capacity Water Purification System
SKU: BCPS-414



Large Capacity Water Purification System
SKU: BCPS-415

Large Capacity Water Purification System Series 100

TABLE 4 OF 4

Specification	Large Capacity Water Purification System SKU: BCPS-416	Large Capacity Water Purification System SKU: BCPS-417	Large Capacity Water Purification System SKU: BCPS-418
Water Inlet	Tap water: TDS200 ppm)	Tap water: TDS200 ppm)	Tap water: TDS200 ppm)
Temperature	5-45°C	5-45°C	5-45°C
Pressure	1.0-4.0 Kgf/cm²	1.0-4.0 Kgf/cm²	1.0-4.0 Kgf/cm²
Flow Procedure**	PF+AC+RO+RO+(UV)+AC+DI+(UF)+TF	PF+AC+RO+RO+(UV)+AC+DI+(UF)+TF	PF+AC+RO+RO+(UV)+AC+DI+(UF)+TF
Output(25°C)****	1st stage RO water: 125 L/hr, 2nd stage RO water: 60 L/hr	1st stage RO water: 125 L/hr, 2nd stage RO water: 60 L/hr	1st stage RO water:125 L/hr, 2nd stage RO water: 60 L/hr



Large Capacity Water Purification System
SKU: BCPS-416



Large Capacity Water Purification System
SKU: BCPS-417



Large Capacity Water Purification System
SKU: BCPS-418

Large Capacity Water Purification System Series 100

Specification	Large Capacity Water Purification System SKU: BCPS-601	Large Capacity Water Purification System SKU: BCPS-602	Large Capacity Water Purification System SKU: BCPS-603	Large Capacity Water Purification System SKU: BCPS-604
Water Inlet	Tap water or ground water	Tap water or ground water	Tap water or ground water	Tap water or ground water
Flow Procedure**	QZ+AC+SI+MF+RO	QZ+AC+SI+MF+RO	QZ+AC+SI+MF+RO+DI	QZ+AC+SI+MF+RO+DI
Ion rejection rate	≥98%	≥98%	≥98%	≥98%
Output(25°C)****	250 L/hr	500 L/hr	250 L/hr	500 L/hr
DimensionLxWxH	1310x550x1750 mm	1310x550x1750 mm	1310x550x1750 mm	1310x550x1750 mm



Large Capacity Water Purification System
SKU: BCPS-601



Large Capacity Water Purification System
SKU: BCPS-602



Large Capacity Water Purification System
SKU: BCPS-603



Large Capacity Water Purification System
SKU: BCPS-604

WATER PURIFICATION SYSTEM

MEDIUM WATER PURIFICATION SYSTEM

OVERVIEW

Medium water purification systems treat tap or pretreated water (TDS < 200 ppm) through multi-stage prefiltration, activated carbon, reverse osmosis, deionization, UV sterilization and terminal filtration. Operating between 5 – 45 °C and 1 – 4 kgf/cm², they supply laboratory-grade water.

Highlights

- Multi-stage purification
- Handles tap water
- Temperature 5–45 °C
- RO/DI/UV processes

For Detailed Technical Info & Accessories

Scan to view detailed technical information & accessories, or visit the link below.

CATALOG LINK

https://biolabscientific.com/content/catalogs/3004-Catalog-Biolab.pdf

Medium Water Purification System Series 100

TABLE 1 OF 3

Specification	Medium Water Purification System SKU: BDPS-101	Medium Water Purification System SKU: BDPS-102	Medium Water Purification System SKU: BDPS-103	Medium Water Purification System SKU: BDPS-104	Medium Water Purification System SKU: BDPS-201
Water Inlet	Tap water: TDS200 ppm)	Tap water: TDS200 ppm)	Tap water: TDS200 ppm)	Tap water: TDS200 ppm)	Tap water: TDS200 ppm)
Temperature	5-45°C	5-45°C	5-45°C	5-45°C	5-45°C
Pressure	1.0-4.0 Kgf/cm²	1.0-4.0 Kgf/cm²	1.0-4.0 Kgf/cm²	1.0-4.0 Kgf/cm²	1.0-4.0 Kgf/cm²
Flow Procedure**	PF+KDF+AC+RO+AC+DI	PF+KDF+AC+RO+AC+DI+UV+TF	PF+KDF+AC+RO+AC+DI	PF+KDF+AC+RO+AC+DI+UV+TF	PF+KDF+AC+RO+DI+TF
Ion rejection rate	96%-99% (New RO membrane)	96%-99% (New RO membrane)	96%-99% (New RO membrane)	96%-99% (New RO membrane)	96%-99% (New RO membrane)



Medium Water Purification System
SKU: BDPS-101



Medium Water Purification System
SKU: BDPS-102



Medium Water Purification System
SKU: BDPS-103



Medium Water Purification System
SKU: BDPS-104



Medium Water Purification System
SKU: BDPS-201

Medium Water Purification System Series 100

TABLE 2 OF 3

Specification	Medium Water Purification System SKU: BDPS-202	Medium Water Purification System SKU: BDPS-203	Medium Water Purification System SKU: BDPS-204	Medium Water Purification System SKU: BDPS-205	Medium Water Purification System SKU: BDPS-206
Water Inlet	Tap water: TDS200ppm)	Tap water: TDS200 ppm)	Tap water: TDS200 ppm)	Tap water: TDS200 ppm)	Tap water: TDS200 ppm)
Temperature	5-45°C	5-45°C	5-45°C	5-45°C	5-45°C
Pressure	1.0-4.0 Kgf/cm²	1.0-4.0 Kgf/cm²	1.0-4.0 Kgf/cm²	1.0-4.0 Kgf/cm²	1.0-4.0 Kgf/cm²
Flow Procedure**	PF+KDF+AC+RO+DI+ UF+TF	PF+KDF+AC+RO+UV +DI+TF	PF+KDF+AC+RO+UV +DI+UF+TF	PF+KDF+AC+RO+DI+ TF	PF+KDF+AC+RO+DI+ UF+TF
Ion rejection rate	96%-99% (New RO membrane)	96%-99% (New RO membrane)	96%-99% (New RO membrane)	96%-99% (New RO membrane)	96%-99% (New RO membrane)



Medium Water Purification System
SKU: BDPS-202



Medium Water Purification System
SKU: BDPS-203



Medium Water Purification System
SKU: BDPS-204



Medium Water Purification System
SKU: BDPS-205



Medium Water Purification System
SKU: BDPS-206

Medium Water Purification System Series 100

TABLE 3 OF 3

Specification	Medium Water Purification System SKU: BDPS-207	Medium Water Purification System SKU: BDPS-208
Water Inlet	Tap water: TDS200 ppm)	Tap water: TDS200 ppm)
Temperature	5-45°C	5-45°C
Pressure	1.0-4.0 Kgf/cm²	1.0-4.0 Kgf/cm²
Flow Procedure**	PF+KDF+AC+RO+UV+DI+TF	PF+KDF+AC+RO+UV+DI+UF+TF
Ion rejection rate	96%-99% (New RO membrane)	96%-99% (New RO membrane)



Medium Water Purification System
SKU: BDPS-207



Medium Water Purification System
SKU: BDPS-208

Medium Water Purification System Series 100

Specification	Medium Water Purification System SKU: BDPS-401	Medium Water Purification System SKU: BDPS-402	Medium Water Purification System SKU: BDPS-403	Medium Water Purification System SKU: BDPS-404
Water Inlet	RO water, Distilled water, Deionized water	RO water, Distilled water, Deionized water	RO water, Distilled water, Deionized water	RO water, Distilled water, Deionized water
Temperature	5-45°C	5-45°C	5-45°C	5-45°C
Pressure	1 atm*	1 atm*	1 atm*	1 atm*
Flow Procedure**	AC+DI+TF	AC+DI+UF+TF	UV+AC+DI+TF	UV+AC+DI+UF+TF
Output(25°C)****	Utmost up to 2.0 L/min (less output with UF cartridge)	Utmost up to 2.0 L/min (less output with UF cartridge)	Utmost up to 2.0 L/min (less output with UF cartridge)	Utmost up to 2.0 L/min (less output with UF cartridge)



Medium Water Purification System
SKU: BDPS-401



Medium Water Purification System
SKU: BDPS-402



Medium Water Purification System
SKU: BDPS-403



Medium Water Purification System
SKU: BDPS-404

WATER PURIFICATION SYSTEM

PURE WATER SUPPLY SYSTEM

OVERVIEW

Pure water supply systems purify tap water using reverse osmosis with sediment, carbon and membrane filters. Models accommodate tap water with TDS below 200 ppm, operating at 5–45 °C and 1–4 kgf/cm². Systems incorporate multi-stage PF-AC-RO-DI filtration and optional storage tanks from 100 L to 2000 L.

Highlights

- Reverse osmosis purification
- Multi-stage filtration
- Tap water compatibility
- Tank capacity options

For Detailed Technical Info & Accessories

Scan to view detailed technical information & accessories, or visit the link below.

CATALOG LINK

https://biolabscientific.com/content/catalogs/3005-Catalog-Biolab.pdf

Pure Water Supply System Series 100

TABLE 1 OF 2

Specification	Pure Water Supply System SKU: BBPS-101	Pure Water Supply System SKU: BBPS-102	Pure Water Supply System SKU: BBPS-103	Pure Water Supply System SKU: BBPS-104	Pure Water Supply System SKU: BBPS-105
Section	Feed Water Requirements*	Feed Water Requirements*	Feed Water Requirements*	Feed Water Requirements*	Feed Water Requirements*
Water Inlet	Tap water: TDS200 ppm)	Tap water: TDS200 ppm)	Tap water: TDS200 ppm)	Tap water: TDS200 ppm)	Tap water: TDS200 ppm)
Temperature	5-45°C	5-45°C	5-45°C	5-45°C	5-45°C
Pressure	1.0-4.0 Kgf/cm²	1.0-4.0 Kgf/cm²	1.0-4.0 Kgf/cm²	1.0-4.0 Kgf/cm²	1.0-4.0 Kgf/cm²
Flow Procedure**	PF+AC+RO+AC	PF+AC+RO+AC	PF+AC+RO+AC	PF+AC+RO+AC	PF+AC+RO+AC



Pure Water Supply System
SKU: BBPS-101



Pure Water Supply System
SKU: BBPS-102



Pure Water Supply System
SKU: BBPS-103



Pure Water Supply System
SKU: BBPS-104



Pure Water Supply System
SKU: BBPS-105

Pure Water Supply System Series 100

TABLE 2 OF 2

Specification	Pure Water Supply System SKU: BBPS-106
Section	Feed Water Requirements*
Water Inlet	Tap water: TDS200 ppm)
Temperature	5-45°C
Pressure	1.0-4.0 Kgf/cm²
Flow Procedure**	PF+AC+RO+AC



Pure Water Supply System
SKU: BBPS-106

Pure Water Supply System Series 100

Specification	Pure Water Supply System SKU: BBPS-107	Pure Water Supply System SKU: BBPS-108	Pure Water Supply System SKU: BBPS-109	Pure Water Supply System SKU: BBPS-110	Pure Water Supply System SKU: BBPS-111
Water Inlet	Tap water: TDS200 ppm)	Tap water: TDS200 ppm)	Tap water: TDS200 ppm)	Tap water: TDS200 ppm)	Tap water: TDS200 ppm)
Temperature	5-45°C	5-45°C	5-45°C	5-45°C	5-45°C
Pressure	1.0-4.0 Kgf/cm²	1.0-4.0 Kgf/cm²	1.0-4.0 Kgf/cm²	1.0-4.0 Kgf/cm²	1.0-4.0 Kgf/cm²
Flow Procedure	PF+AC+RO+DI	PF+AC+RO+DI	PF+AC+RO+DI	PF+AC+RO+DI	PF+AC+RO+DI
Ion rejection rate	96%-99% (New RO membrane)	96%-99% (New RO membrane)	96%-99% (New RO membrane)	96%-99% (New RO membrane)	96%-99% (New RO membrane)



Pure Water Supply System
SKU: BBPS-107



Pure Water Supply System
SKU: BBPS-108



Pure Water Supply System
SKU: BBPS-109



Pure Water Supply System
SKU: BBPS-110



Pure Water Supply System
SKU: BBPS-111

Pure Water Supply System Series 100

Specification	Pure Water Supply System SKU: BPWS-101	Pure Water Supply System SKU: BPWS-102
Shape & Volume of tank	Roundness: 100, 200 L Square:80,120, 200 L	Roundness: 500, 1000, 2000 L Square: 200 L
Volume of Buffer Tank	12 L	1 L
Vertical self-priming height	2 meters	2 meters
The Rated Stop Pressure	0.45 Mpa/0.4 Mpa	0.3 Mpa/0.4 Mpa, 0.35 Mpa/0.4 Mpa
Max Pressure/Pump Lift	About 0.8 Mpa/80 meters	About 0.3 Mpa/30 meters, About 0.35 Mpa/35 meters



Pure Water Supply System
SKU: BPWS-101



Pure Water Supply System
SKU: BPWS-102

Pure Water Supply System Series 200

Specification	Pure Water Supply System SKU: BFG-301
Description	Reverse Osmosis System
Mounting	Horizontal or Wall-mounted
Filters	Sediment Filter, Precarbon Filter, R/O membrane Filter
Requirement to water source	Municipal tap water
Principle	Reverse Osmosis



Pure Water Supply System
SKU: BFG-301

WATER PURIFICATION SYSTEM

WATER DISTILLER

OVERVIEW

Water distillers supply distilled water by heating and condensing tap water. Stainless steel models with automatic control offer outputs ranging from about 1.5 to over 20 litres per hour, with heating power from 0.75 to 15 kW and voltages 220–380 V.

Highlights

- 1.5–20 L/h output
- Automatic control
- Stainless steel construction
- High heating power

For Detailed Technical Info & Accessories

Scan to view detailed technical information & accessories, or visit the link below.

CATALOG LINK

https://biolabscientific.com/content/catalogs/3006-Catalog-Biolab.pdf

Water Distiller Series 100

Specification	Water Distiller SKU: BER-6501	Water Distiller SKU: BER-6502	Water Distiller SKU: BER-6503
Voltage(V)	220	380	380
Output(L/H)	≥5	≥10	≥20
Heating Power(kw)	4.5	7.5	15
G.W(kg)	9.5	10.5	13.5
N.W(kg)	6	7.5	11



Water Distiller
SKU: BER-6501



Water Distiller
SKU: BER-6502



Water Distiller
SKU: BER-6503

Water Distiller Series 200

Specification	Water Distiller SKU: BFG-401
Power	750W
Voltage	220V/50Hz
Capacity	1.5L/h
Chamber size	780mm*200mm
Package size	290mm*290mm*390mm



Water Distiller
SKU: BFG-401