PRODUCT CATALOG

BIOLOGICAL SAFETY CABINET CLASS II BCBS-204

ISO9001 CERTIFIED

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BIOLOGICAL SAFETY CABINET CLASS II BCBS-204

Biolab Biological Safety Cabinet Class II Series is engineered specifically for laboratory operations that require user and product protection. Operates with a negative air pressure for personnel protection and HEPA filtered laminar airflow for product protection. Suitable for microbiological and research applications that do not involve radioactive substances and toxic contaminants.
Used in Cell culturing, Genetics, Microbiological, Research, Cell Biology, Molecular Biology, Plant, Laboratory.
Also known as Class II BSC, Biosafety Cabinet.

BCBS-204 BIOLOGICAL SAFETY CABINET CLASS II

- Time reserve function
- Stainless Steel 304 table for operation
- Emission of 253.7 nm for highly efficient decontamination
- Remote control operation including front sash movement and fan speed control
- Motored front window with timer function
- Two-layered marinated toughened glass (≥5mm) motorized front window
- Negative air pressure provides personnel protection by constant movement of air in working area
- Foot switch to adjust the height of the front window
- 2 waterproof sockets located inside panel
- Automatic air speed adjustable with filter block
- Filter Life Indicator: Pressure value displayed to show life utility of main filter
- Interlock function: Fluorescent lamp, UV lamp and front window, Blower and front window, UV lamp and blower
- Low noise and high energy efficiency for operational cost savings
- Audio and visual alarm for filter replacement, front window over height and abnormal airflow velocity
- LCD display: filter and UV lamp working time, Filter life, Exhaust filter and downflow filter pressure, Humidity and temperature, System working time, Inflow and downflow velocity etc.

SPECIFICATIONS

Model	BCBS-204
Type	Class II, Type A2
Filter	ULPA Filter - Two, 99.9995% efficiency at 0.12 μm, filter life indicator
Inflow Velocity	0.53±0.025 m/s
Down Flow Velocity	0.33±0.025 m/s
UV Lamp	40Wx1 UV timer, UV life indicator, emission of 235.7 nanometers for most efficient decontamination
LED Lamp	16Wx2
Illumination	≥1000 lux
Waterproof Socket	Two, total load of sockets: 500W
Work Surface Height	750 mm (Size can be customized according to requirements)
Tested Opening	Safety height 200 mm (8")
Max Opening	440 mm
Front Window	Motorized, two layer laminated toughened glass ≥ 6 mm, Anti UV
Airflow System	70% air recirculation, 30% air exhaust
Control System	Microprocessor

Caster	Footmaster Caster
Display	LCD Display: exhaust filter and downflow filter pressure, filter and UV lamp working time, inflow and downflow velocity, filter life, humidity and temperature, system working time etc.
Work Zone Material	304 Stainless steel
Main Body Material	Cold roller steel with anti bacteria powder coating
Visual and Audio Alarm	Abnormal airflow velocity, filter replacement, front window at unsafe height, high filter pressure alarm, abnormal power failure
Standard Accessory	LED lamp 2pcs, UV lamp 1 pc, Base stand Remote control, Foot switch, Drain valve, Waterproof Socket 2 pcs
Optional Accessory	Water and Gas tap, Electric Height adjustable base stand, Armrest
Noise	≤65dB
Internal Size (WxDxH)	1625x600x660 mm
External Size (WxDxH)	1880x755x2200 mm
Package Size (WxDxH)	1930x1610x1840 mm
Gross Weight	366 kg
Consumption	1300 W
Power Supply	AC220V 50/60Hz ; 110 60Hz

ACCESSORIES

Accessory Code	Name
6000606013	UV Lampx2

OPTIONAL ACCESSORIES

Accessory Code	Name	External Dimension	Package Size (mm)
2200606006	Infrared Sterilizer	150x95x210 mm	
2200606007	Airflow Tester		
2200606008	Formalin Fumigation Sterilizer		300x200x160 mm
2200606009	Ammonium Hydrogen Carbonate Neutralizer		300x200x160 mm
2200606010	Armrest		
2200606011	Laboratory Chair		
2200606012	Dust Particle Counter		
2200606013	Digital Sound Level Meter		
2200606014	Illumination Meter		
2200606015	Air Flow Anemometer		
2200606016	Protective Garment		
2200606017	Protective Gloves		

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