



SHAKING WATER BATH

SHAKING WATER BATH BER1BD1

MULTIFUNCTIONAL WATER BATHS SHAKER



1. Large-screen background LCD, shows the measured value, set value and the setting time and the remaining time.
2. High-precision temperature control. resume operation automatically if power off unexpectedly.
3. High-precision speed control: PID feedback control, motor speed stable and accurate. The precision + 1rpm slow start design, automatically locked after speed out of control, adjustable start speed prevent splashing of shaking bottle liquid.
4. Tube rack and water bath flask seat for standard configuration, with function of water bath.

SPECIFICATIONS

Model	BER1BD1
Mode	Reciprocating oscillation + thermostatic water bath
Function	
--Operating Temp Range	RT-100°C
--Tem. Resolution Ratio	0.1°C
--Tem. Motion	± 0.1°C
--Tem. Uniformity	± 0.2°C
--Reciprocal Oscillation Amplitude	16 or 24mm (Ex-factory is 16mm)
--Reciprocating Frequency Range	20 ~ 180(r/min)
--Reciprocating Frequency Accuracy	± 1rpm
Structure	
--Water Tank	Mirror stainless steel
--Outer Shell	Cold rolling steel electrostatic spraying exterior
--Upper Cover	Mirror stainless steel
--Insulating Layer	Polyurethane
--Heater	Stainless steel electric heater tube
--Driving Mode	Crankshaft+ double link + four wheels
--Shelf	Mirror stainless steel
--Power Rating	1.5kW
Controller	
--Tem. Control Mode	LCD PID Intelligent control
--Reciprocating Control Mode	LCD PID Intelligent control
--Setting Mode	Touch button setting
--Tem. Display Mode	LCD Display
--Speed Display Mode	LCD Display
--Timer	0 ~ 9999 min
--Operation Function	Fixed value operation, timing function, auto stop, quickly stop start
--Temperature Sensor	PT100
--Speed Sensor	Hoare
--Additional Function	Deviation correction, menu keys locked, power-off memory
Safety Device	Over temperature alarm, menu locked, water full or shortage protection, Motor shaft lock protection
Specification	
--Water Tank Size (W*L*H)(mm)	500*310*200
--Exterior Size (W*L*H)(mm)	828*360*425

--Packing Size (W*L*H)(mm)	912*480*605
--Spring Shock Basket Size (mm)	395*250
--Shock Basket Largest Single Size (ml/piece)	100ml*12/250*8/500*6
--Inside Volume	31L
--Shock Basket Bearing	5kg/layer
--Current Rating (50Hz)	AC220V/6.8A
--NW/GW (kg)	20/30
Accessories	Water bath flask seat, tube rack, Customized Flask Clip Tray(Optional)
Alt Name	Multifunctional Water Baths Shaker



APPLICATIONS

Low noise and steady reciprocating oscillating water bath cultivation equipment.

SHAKING WATER BATH BGI1BP1 TO BGI1BP5

SHAKING WATER BATH

LED Microprocessor Controller (with timing function)

Widely applicable for laboratory researches on bacteria cultivation, fermentation, hybridization, chemical and biochemical reaction, enzymes and tissues research, which have a high requirement on precision of shaking speed and temperature.



SPECIFICATIONS

Model	BGI1BP1	BGI1BP2	BGI1BP3	BGI1BP4	BGI1BP5
Old Model	BBSW-300 1	BBSW-300 2	BBSW-300 3	BBSW-300 4	BBSW-3005
Temperature Range	RT+5~100°C				10~100°C
Display Resolution	0.1°C				
Temperature Uniformity	±1°C				
Shaking Speed Range	30~180rpm				
Amplitude	30mm (Standard) or 40mm (Option)				
Power Consumption	1250W		1650W		1500W

Interior Dimension (WxDxH) mm	438x310x250	618x310x250	440x300x250
Exterior Dimension (WxDxH) mm	643x350x353	823x350x355	710x410x710
Alt Name	Shaking Water Bath		



SHAKING WATER BATH BFA1Y1

WATER BATH SHAKER

Water Bath Shaker is a temperature controlled thermostat water bath and oscillator combined laboratory equipment, mainly applicable to colleges and universities, medical, petrochemical, health and epidemic prevention, environmental monitoring and other research departments for biological, Biochemical, cell, bacteria and other liquid, solid-state chemical oscillation.



Unique and novel appearance, small size, powerful functions. All surfaces in contact with water are made of high-quality stainless steel and are corrosion-resistant.

TFT LCD holographic displays operating speed, temperature, time. Graphic dynamic symbols and precise data at a glance.

Built-in chip memory storage mode, memory 9 kinds commonly used combination of parameters, and can achieve single-node cycle or multi-node pulse cycle. To meet more experimental requirements.

Using microcomputer program PID automatic temperature control, with a good temperature uniformity, high temperature control accuracy, safety and comprehensive protection features.

Oscillation and heating using split design, the moving frame can be taken out wh

SPECIFICATIONS

Model	BFA1Y1
Old Model	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
Amplitude	26mm
Speed range	20~200rpm
Sink size((WxDxH)	250x304x200mm
Voltage	AC220/110V, 50/60Hz
Power	1100W
Dimensions(WxDxH)	W.288 x D.506 x H.350 mm
Net weight	10kgs
Alt Name	Water Bath Shaker

FEATURES

Unique and novel appearance, small size, powerful functions. All surfaces in contact with water are made of high-quality stainless steel and are corrosion-resistant.

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Built-in chip memory storage mode, memory 9 kinds commonly used combination of parameters, and can achieve single-node cycle or multi-node pulse cycle. To meet more experimental requirements.

Using microcomputer program PID automatic temperature control, with a good temperature uniformity, high temperature control accuracy, safety and comprehensive protection features.

Oscillation and heating using split design, the moving frame can be taken out when it does not need to oscillate, can be used as a constant temperature water bath box, a dual-purpose machine.

DC motor, low noise, maintenance-free, long service life.

Transparent clamshell design, easy to operate, real-time observation of the internal operating status.

Note: Number of conical flasks of different sizes that can be accommodated:

Conical flask 1000ml*1

Conical flask 500ml*4

Conical flask 250ml*5

Conical flask 100ml*12

SHAKING WATER BATH BGI2K1 BGI2K2

SHAKING WATER BATH



Microprocessor temperature controller with LCD screen ensures precise and reliable control, easy to operate.

Both heater and bath chamber are made of corrosion-resistant stainless steel.

No angle in bath chamber, easy to clean.

Programming setting function with 7 periods and 9 steps for each period, which means there are 63 programmable steps in total.

Easy to set adjustable timer. (1 minute to 5,999 minutes)

Maintenance-free operation with easy to clean surface.

Drain valve makes emptying of bath water fast and easy for cleaning and moving.

Safety:

Audible and visible alarm for temperature and water level.

Heater alarm, sensor alarm, upper and lower temperature alarm.

SPECIFICATIONS

Model	BGI2K1	BGI2K2
Old Model	BBSW-2701	BBSW-2702
Temperature range	RT+5 - 99°C	
Display resolution	0.1°C	
Temperature uniformity (at 37°C)	±1°C	
Shaking speed range	30 - 180 rpm	
Amplitude	30mm (Standard) or 40mm (Option)	
Interior dimension WxDxH (mm)	438x310x250	618x310x250
Exterior dimension WxDxH (mm)	643x350x353	823x350x355
Chamber volume	33L	47L
Power requirements	AC220V 50HZ	
Power consumption	1250W	1650W
Alt Name	Shaking Water Bath	

FEATURES

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Easy to set adjustable timer. (1 minute to 5,999 minutes)

Maintenance-free operation with easy to clean surface.

Drain valve makes emptying of bath water fast and easy for cleaning and moving.

Safety:

Audible and visible alarm for temperature and water level.

Heater alarm, sensor alarm, upper and lower temperature alarm.

Preset On/Off function.

Built-in power interruption protection function, automatic run after power interruption.

Temperature deviation alarm.

Over current protection alarm.

Option:

Available RS-485 or USB ports for data collection.

APPLICATIONS

Widely applicable for laboratory researches on bacteria cultivation, fermentation, hybridization, chemical and biochemical reaction, enzymes and tissues research, which have a high requirement on precision of shaking speed and temperature.



Biolab Scientific Ltd.

Trillium Executive Center, East Tower, 675 Cochrane Dr, Markham, Ontario L3R 0B8, Canada

Email: info@biolabscientific.com | Website: www.biolabscientific.com