



[www.bluepard.com](http://www.bluepard.com)



BLUEPARD INSTRUMENTS CO.,LTD.

Add:7F,Gonghe Building,No.966 Gonghe Xin Road

200070 Shanghai China

Tel:+86-21-56633709

Fax:+86-21-56303023

E-mail:export2@bluepard.com



Version No:2017-01

being Professional Instrument Supplier



**Bluepard** YOUR PARTNER in LABORATORY

- / Oven
- / Vacuum oven
- / CO<sub>2</sub> incubator
- / Heating incubator
- / Cooling incubator
- / Temperature and humidity chamber
- / Shaking incubator
- / Water bath
- / Magnetic stirrer



# About us

- One of the largest manufacturers of lab & environmental products in China.
- Kunshan factory (30000sqm) LAB equipments & Machine Processing.
- There are 270 staffs totally.
- Three branch offices in China, located in Guangdong, Beijing and Sichuan.
- More than 200 distributors/agents in all of China.
- More than 400 thousands bluepard products have been used in over 60 countries all over the world.
- We produce a wide range of vacuum ovens,drying ovens,incubators,shakers,temperature humidity chambers,water baths and hot plate stirrers.
- Being series is based on **intelligent**, **professional** and **humanization** design,which use **touch screen** control provides good **temperature uniformity** and more **stable**.

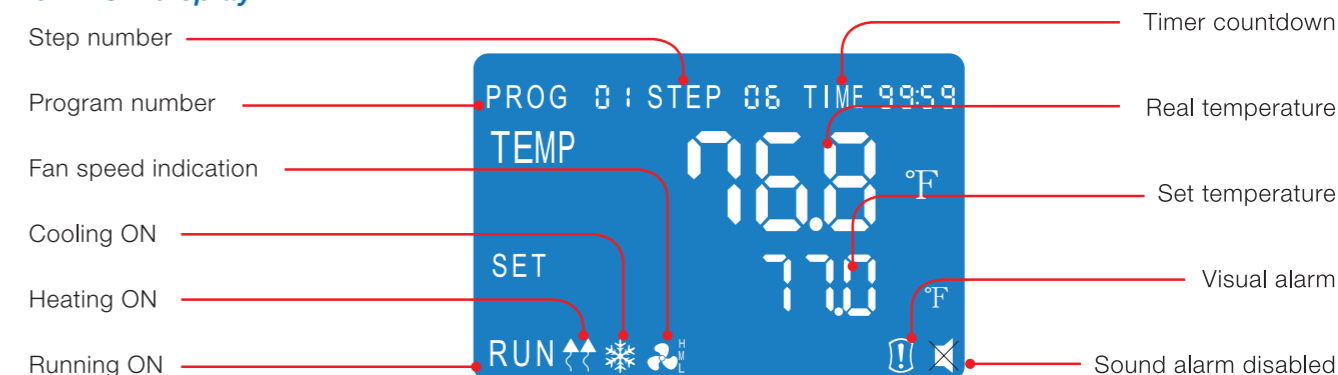
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## New controller for each application

### New LCD display



### New controllers,user friendly interface for each application !

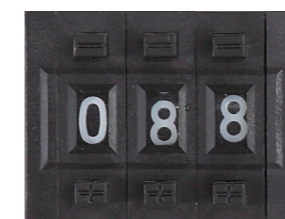
- 7 programs x 9 steps
- Wide backlit LCD display
- Icons easy to read
- Visual and sound alarm
- Fan speed control (High,Medium,Low)
- Repeatable work cycles
- Delay of program starting
- Safety temperature limiter for samples protection

The PID controller allows an easy setting of all operating parameters and an excellent control of the temperature by microprocessor.

The limited number of setting keys ensures an extremely simple and intuitive operability.

The large display in two colors clearly shows every time the set temperature and the current temperature inside the instrument.

Multi-color LED indicate the heating phase and the eventual alarms:The audible and visual alarm to prevent temperaturebecometoo high or too low.

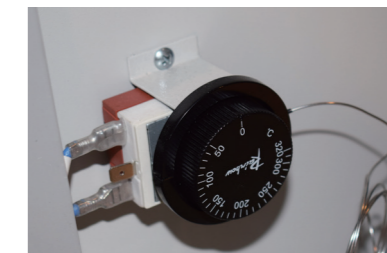


### Independent temperature limit controller(option)

- You can set limited alarm temperature according to the experimental temperature.
- When over temperature, there is the alarm with sound and light, that can prompt the operator to ensure the safe experiment.

### Limited temperature alarm system

- The heating system will automatically interrupt when the temperature exceeds limited temperature.
- It will ensure the experiment is safe without an accident.





# Forced air oven

From 18°F over ambient temperature to 392°F(572°F)

**BOF-30\BOF-50\BOF-120\BOF-200\BOF-400**



The forced air oven control very efficiently the temperature starting from 18°F above ambient temperature up to 392°F(572°F). The PID controller,with double color display,shows constantly the set temperature and real temperature inside the chamber. Moreover it's possible at any time see the operating time.The forced air circulation guarantees a perfect air replacement and homogeneity of temperature in every parts of the chamber.It will automatically stop working as soon as temperature over limiting.

## Features

- Colorful LCD display.
- 304 stainless steel,mirror polishing processing, easy to clean and maintain.
- High-power fan forced convection,with 3-speed fan power adjustable,good uniformity.
- The shelf design of anti-tilting to avoid the accidents when pulling out the shelves.
- With reserved test hole,real-time detection of the temperature in working chamber.
- The height of shelves is adjustable to meet different containers'drying and sterilizing requirement.
- With a top damper adjustment technology to ensure the gas convection enough in working chamber.
- Thermal temperature sensor with high precision,high accuracy and stability.
- Programming setting function with 7 periods and 9 steps for each period, which means there are 63 programmable steps in total. (option)



shelf

test hole

## Specifications

Model	BOF-30	BOF-50	BOF-120	BOF-200	BOF-400
Chamber Volume	35L	59L	115L	234L	400L
Temperature Range	RT+10°C ~200°C (300°C )				
Display Resolution	0.1°C	0.1°C	0.1°C	0.1°C	0.1°C
Temperature Uniformity(@150°C )	±2.0°C	±2.0°C	±2.0°C	±2.0°C	±2.0°C
Standard Quantity of Shelves/Max	2/5	2/9	3/12	3/16	3/16
Shelves loading	20Kg	20Kg	20Kg	20Kg	20Kg
Net Weight(Kg)	43	51	83	112	-
Timer Range	1~5999mins	1~5999mins	1~5999mins	1~5999mins	1~5999mins
Internal Dimension (W×H×D,mm)	320×320×300	400×415×305	520×530×430	650×650×500	1000×800×510
External Dimension (W×H×D,mm)	610×540×550	690×640×560	810×755×685	940×875×750	1285×1060×750
Electrical Requirement	AC220V,50Hz	AC220V,50Hz	AC220V,50Hz	AC220V,50Hz	AC220V,50Hz
Power Consumption	900W	1100W	2050W	2500W	3100W

## Options

- RS485 connector and software



# Natural convection oven

From 18°F over ambient temperature to 392°F(572°F)

**BON-30\BON-50\BON-115\BON-200**



Ideal for everyday use in the processes of drying and sterilization,the natural convection ovens are characterized by a high load capacity and by the accuracy in temperature control.

The possibility to heat the samples up to 392°F(572°F). allows any type of sterilization process.

The minimum heating times,the heating power properly dimensioned and the perfect tightness of the seals,ensure low energy consumption in every application.

## Features

- Colorful LCD display.
- 304 stainless steel,mirror polishing processing,easy to clean and maintain.
- Natural convection mode,the temperature fluctuation is small,no dust and low noise.
- The shelf design of anti-tilting to avoid the accidents when pulling out the shelves.
- With reserved test hole,real-time detection of the temperature in working chamber.
- The height of shelves is adjustable to meet different containers'drying and sterilizing requirement.
- With high-precision thermal temperature sensor,high measuring accuracy and control stable.
- Programming setting function with 7 periods and 9 steps for each period, which means there are 63 programmable steps in total. (option)



shelf

test hole

## Specifications

Model	BON-30	BON-50	BON-115	BON-200
Chamber Volume	34L	54L	124L	222L
Temperature Range	RT+10°C ~200°C (300°C )			
Display Resolution	0.1°C	0.1°C	0.1°C	0.1°C
Temperature Uniformity(@150°C )	±2.5°C	±2.5°C	±2.5°C	±2.5°C
Standard Quantity of Shelves/Max	2/5	2/6	2/10	2/16
Shelves loading	20Kg	20Kg	20Kg	20Kg
Net Weight	43 kg	45 kg	74 kg	103 kg
Timer Range	1~5999mins	1~5999mins	1~5999mins	1~5999mins
Internal Dimension (W×H×D,mm)	320×320×300	400×380×330	520×495×450	650×650×500
External Dimension (W×H×D,mm)	610×580×520	690×640×468	810×755×590	940×910×658
Electrical Requirement	AC220V,50Hz	AC220V,50Hz	AC220V,50Hz	AC220V,50Hz
Power Consumption	850W	1050W	1950W	2250W

## Options

- RS485 connector and software



# Vacuum oven

From 18°F over ambient temperature to 392°F

 **BOV-20\BOV-50\BOV-90**



The vacuum oven has an extremely compact size and at the same time manages to provide much more shelf space than comparable vacuum ovens. A large, full size window makes the observation of the test sample in process very easy. The technicians of being had spend days to test every vacuum oven before it leaves the factory.

## Features

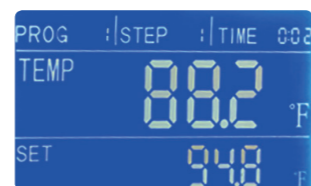
- Colorful LCD display.
- Vacuum degree real-time display to meet the drying requirements under different vacuum conditions.
- It has inert gas inlet to meet the needs of inert gas.
- 304 stainless steel, electrolytic scrub treatment and better intensity.
- The height of shelves is adjustable to meet different containers' drying and sterilizing requirement.
- Exhaust valve switch and pump switch with electromagnetic valve controller which is safe and reliable.
- Reserving vacuum pump power and the operation is more convenient and reliable.
- Programming setting function with 7 periods and 9 steps for each period, which means there are 63 programmable steps in total. (option)



solenoid valve



stainless steel tank



LCD display

## Specifications

Model	BOV-20	BOV-50	BOV-90
Chamber Volume	24L	51L	91L
Temperature Range	RT+10°C ~200°C	RT+10°C ~200°C	RT+10°C ~200°C
Temperature Resolution	0.1°C	0.1°C	0.1°C
Max. degree of vacuum	133Pa	133Pa	133Pa
Standard Quantity of Shelves/Max	2/5	2/7	3/9
Work chamber material	stainless steel	stainless steel	stainless steel
Interior Dimension (W×H×D,mm)	300×275×300	415×345×370	450×450×450
Exterior Dimension (W×H×D,mm)	445×590×505	580×670×594	610×774×721
Max.load	20Kg	20Kg	20Kg
N/W(Kg)	60	95	145
Inert gas air inlet	has	has	has
Electrical Requirement	AC220V/50Hz	AC220V/50Hz	AC220V/50Hz
Power Consumption	700W	1400W	2000W
Timer Range	1~5999mins	1~5999mins	1~5999mins

## Options

- LED lamp
- Vacuum pump



# CO<sub>2</sub> incubator

From 9°F over ambient temperature to 122°F

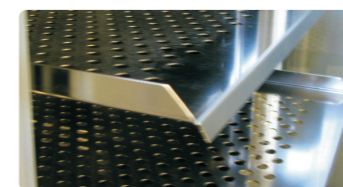
**BIO-40\BIO-80\BIO-150\BIO-240**



The CO<sub>2</sub> incubator is the ideal instruments for immunology, oncology genetics and bio engineering. It is widely applicable for research and production of microorganism, agricultural science and pharmacology.

## Features

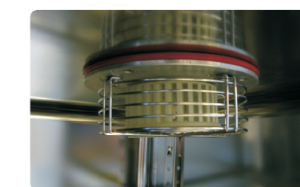
- Colorful LCD display, temperature, CO<sub>2</sub> concentration, humidity (option) and other parameters shows visual.
- HEPA filter(option).
- With UV sterilization system, the chamber can be quickly disinfected.
- IR sensor, real-time real measured of CO<sub>2</sub> concentration.
- In Forced convection mode, the power of fan is adjustable.
- It has outer door heating function to prevent produce condensation on the glass door.
- Independent temperature-limiting protection system to avoid temperature out of control if temperature control system failure.
- Professional CO<sub>2</sub> pressure-relief valve with 2-stage control and stable pressure.



shelf



water dish



fan

## Specifications

Model	BIO-40	BIO-80	BIO-150	BIO-240
Chamber Volume	40L	80L	155L	233L
Temperature Range	RT+5°C ~50°C			
Temperature Resolution	0.1°C			
Temperature Fluctuation	0.1°C			
Temperature gradient	≤ ±0.5°C			
Temperature uniformity(@37°C)	±0.3°C			
CO <sub>2</sub> Range	(0-20)% V/V			
CO <sub>2</sub> Sensor	IR			
CO <sub>2</sub> Control Resolution	0.1%			
CO <sub>2</sub> Deviation	≤ ±0.3%V/V			
Humidity Method	Natural vaporization > 95%			
Shelves(pcs)	2	2	3	3
Interior Dimension (W×H×D,mm)	400×350×286	400×500×450	480×610×530	600×670×630
Exterior Dimension(W×H×D,mm)	590×576×440	590×790×690	670×880×770	790×940×840
Electrical Requirement	AC220V,50Hz			
Power Consumption	400W	500W	650W	950W

## Options

- CO<sub>2</sub> pressure releasing valve



- RS485 connector





# Heating incubator(Natural convection)

From 9°F over ambient temperature to 176°F

 **BIT-16\BIT-35\BIT-55\BIT-120\BIT-200**



Provided as a necessary equipment for scientific research with the optimal placing of the heating elements,ensure high performance in homogeneity and stability of temperature and the proper incubation of the samples.

Heating incubator have the double door,with the inner glass full-width,which ensures a perfect observation of the samples in the chamber without unnecessary heat losses.

## Features

- Colorful LCD display.
- 304 stainless steel,mirror polishing processing,easy to clean and maintain.
- Air flows gently and uniformly under natural convention mode.
- The shelf design of anti-tilting to avoid the accidents when pulling out the shelves.
- With high-precision thermal temperature sensor,high measuring accuracy and control stable.
- With reserved test hole,the temperature in working chamber can be detected accurately.
- Programming setting function with 7 periods and 9 steps for each period, which means there are 63 programmable steps in total. (option)



## Specifications

Model	BIT-16	BIT-35	BIT-55	BIT-120	BIT-200
Chamber Volume	18L	34L	54L	124L	222L
Temperature Range	RT +5~80°C				
Temperature Stability	0.2°C				
Display Resolution	0.1°C				
Temperature uniformity(@37°C )	±0.8°C				
Standard Quantity of Shelves/Max	2/5	2/5	2/9	2/12	2/16
Shelves Loading	20Kg	20Kg	20Kg	20Kg	20Kg
N/W(Kg)	23	44	53	79	108
Timer Range	1~5999mins	1~5999mins	1~5999mins	1~5999mins	1~5999mins
Internal Dimension( W×H×D,mm)	285×299×219	320×320×300	400×380×330	520×490×450	650×650×500
External Dimension( W×H×D,mm)	508×373×395	610×580×520	690×640×468	810×755×588	940×910×658
Electrical Requirement	AC220V,50Hz				
Power Consumption	130W	250W	300W	550W	700W

## Options

- RS485 connector and software



- UV Sterilizer



# Heating incubator(Forced air)

From 9°F over ambient temperature to 176°F

**BIF-16\BIF-35\BIF-55\BIF-120\BIF-200** 

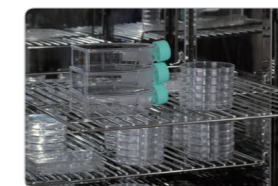


The PID controller, with wide backlit color display, clearly shows in every moment the temperature set and that oneinside as well as other parameters.

The forced air circulation, guarantees a perfect air replacement andhomogeneity of temperature in every parts of the chamber.

## Features

- Colorful LCD display.
- 304 stainless steel,mirror polishing processing,easy to clean and maintain.
- The fan is forced-air convection, with good temperature uniformity and two levels power to shift automatic.
- The shelf design of anti-tilting to avoid the accidents when pulling out the shelves.
- With high-precision thermal temperature sensor,high measuring accuracy and control stable.
- With reserved test hole,the temperature in working chamber can be detected accurately.
- Programming setting function with 7 periods and 9 steps for each period, which means there are 63 programmable steps in total. (option)



shelf



fan



test hole

## Specifications

Model	BIF-16	BIF-35	BIF-55	BIF-120	BIF-200
Chamber Volume	19L	34L	54L	124L	222L
Temperature Range	RT +5~80°C				
Temperature Stability	0.2°C				
Display Resolution	0.1°C				
Temperature uniformity(@37°C )	±0.8°C				
Standard Quantity of Shelves/Max	2/5	2/5	2/6	2/10	2/16
Shelves loading	20Kg	20Kg	20Kg	20Kg	20Kg
N/W(Kg)	26	48	56	82	119
Timer Range	1~5999mins	1~5999mins	1~5999mins	1~5999mins	1~5999mins
Internal Dimension( W×H×D,mm)	250×250×310	320×320×300	400×415×305	520×530×430	650×650×500
External Dimension( W×H×D,mm)	515×460×510	610×545×550	690×640×560	810×755×685	940×875×755
Electrical Requirement	AC220V,50Hz				
Power Consumption	100W	300W	350W	600W	700W

## Options

- RS485 connector and software



- UV Sterilizer



# Cooling Incubator

From 14°F to 176°F



BIC-60C\BIC-120C\BIC-250C



The cooling incubator is ideal for every application in microbiological field. The wide range of temperature allows the growth of microorganisms in every environmental situation. The stainless-steel chamber with rounded corners and removable shelves which make the sanitation operations easy. The PID regulator guarantee an excellent control by microprocessor and the limited number of setting keys ensures the convenience to operate.

## Features

- Colorful LCD display.
- The lowest temperature could arrive 14°F ,the applications temperature is wider.
- Using environmentally friendly refrigeration system,fast cooling speed,saving energy and protecting environment.
- Using advanced control technology,heating systems and refrigeration systems shift automatically.
- 304 stainless steel,mirror polishing processing,easy to clean and maintain.
- Reserving φ25mm test hole,could real-time test the temperature in working chamber.
- Pt100 temperature sensor provides high temperature sensitivity and the accuracy.
- Programming setting function with 7 periods and 9 steps for each period, which means there are 63 programmable steps in total. (option)



## Specifications

Model	BIC-60	BIC-120	BIC-250
Usable Volume	68L	120L	252L
Temperature Range	-10~80°C	-10~80°C	-10~80°C
Temperature uniformity(@25°C )	±1.0°C	±1.0°C	±1.0°C
Temperature Resolution	0.1°C	0.1°C	0.1°C
Timer Range	1~5999min	1~5999min	1~5999min
Number of Shelves	2	3	3
Max Number of Shelves	10	14	16
N/W	85Kg	100Kg	120Kg
Interior Dimension(W×H×D,mm)	400×450×380	500×600×400	550×750×600
Exterior Dimension (W×H×D,mm)	545×1000×670	645×1150×690	695×1300×890
Electrical Requirement	220V 50Hz	220V 50Hz	220V 50Hz
Power Consumption	1300W	1500W	1700W

## Options

- RS485 connector and software



- BOD socket



- UV Sterilizer



# Temperature and humidity chamber

From 14°F to 176°F



BTH-60\BTH-120\BTH-250

The temperature and humidity chamber is an ideal instrument to do stability and aging test on materials,simulation of environmental conditions and stress test in several fields such as:industry,food,textile,packaging,rubber/plastics,etc. The PID regulator provides the digital control of temperature and humidity. The temperature and humidity chamber is able to simulate different environmental conditions to test the use or the aging effects of the materials.

## Features

- Colorful LCD display.
- Using advanced control technology ensures heating systems and refrigeration systems automatically switch.
- With high precision humidity sensor,humidity control is stable and reliable.
- 304 stainless steel,mirror polishing processing,easy to clean and maintain.
- Reserving φ25mm test hole,could real-time test the temperature in working chamber.
- Pt100 temperature sensor provides high temperature sensitivity and the accuracy.
- Programming setting function with 7 periods and 9 steps for each period, which means there are 63 programmable steps in total. (option)



## Specifications

Model	BTH-60	BTH-120	BTH-250
Usable Volume	68L	120L	252L
Temperature Range	-10~80°C	-10~80°C	-10~80°C
Temperature uniformity(@25°C )	±1.0°C	±1.0°C	±1.0°C
Temperature Resolution	0.1°C	0.1°C	0.1°C
Humidity Range	40~95%RH	40~95%RH	40~95%RH
Humidity variation on a point	±3%RH	±3%RH	±3%RH
Timer Range	1~5999min	1~5999min	1~5999min
Number of Shelves	2	3	3
Max Number of Shelves	10	14	16
N/W	95Kg	115Kg	135Kg
Interior Dimension(W×H×D,mm)	400×450×380	500×600×400	550×750×600
Exterior Dimension (W×H×D,mm)	570×1120×780	670×1270×200	720×1420×1000
Electrical Requirement	220V 50Hz	220V 50Hz	220V 50Hz
Power Consumption	2200W	2300W	2500W

## Options

- Printer



- RS485 connector and software



# Shaking incubator

From 9°F over ambient temperature to 149°F



BIS-1\BIS-2\BIS-3



The shaking incubator combines in one instrument two typical laboratory operation: shaking and incubation of samples. Combining the convenience of a benchtop incubator and a shaker, it is ideal for cell culture, solubility studies, extraction procedures and many other laboratory applications.

## Features

- Large LCD screen to display more data at same time.
- Stainless-steel chamber and platform, easy to clean.
- Big observation windows.
- Microprocessor controller for temperature and shaking speed with timing function.
- Self-check function easy to identify problems.
- Smooth start and stop system prevents liquid spillage.
- Auto-controller of fan speed to prevent damage to the samples.
- Safety door switch, auto pause operation when door is opened.
- High effective filter provides filtration of bacteria and dust.
- Temperature-limiting alarm system, auto switch off when over-temperature. (option)
- RS485 connector can connect computer record and inspect the parameters and the variations of temperature. (option)



## Specifications

Model	BIS-1	BIS-2	BIS-3
Temperature Range		RT+5~65°C	
Temperature Resolution	0.1°C	0.1°C	0.1°C
Platform Size(WxD,mm)	250×250	350×350	450×450
Interior Height (H,mm)	220	270	320
Exterior Dimension (W×H×D,mm)	390×370×590	490×450×690	590×550×800
Maximum Capacity	1500ml	4000ml	6000ml
N/W	32 Kg	42 Kg	52 Kg
Convection	Forced Convection	Forced Convection	Forced Convection
Shaking Speed Range	40~250rpm	40~250rpm	40~300rpm
Speed Accuracy	±1rpm	±1rpm	±1rpm
Amplitude	20mm	20mm	20mm
Universal Clamp	Standard	Standard	Standard
Timer Range	1~5999mins	1~5999mins	1~5999mins
Electrical Requirement	AC220V/50Hz	AC220V/50Hz	AC220V/50Hz
Power Consumption	450W	650W	750W

Clips for flasks	BIS-1/BS-1	BIS-2/BS-2	BIS-3/BS-3
50(ml)	16	-	-
100(ml)	8	25	-
250(ml)	4	16	18
500(ml)	1	8	9
1000(ml)	-	4	5
2000(ml)	-	2	3

## Options

- RS485 connector and software



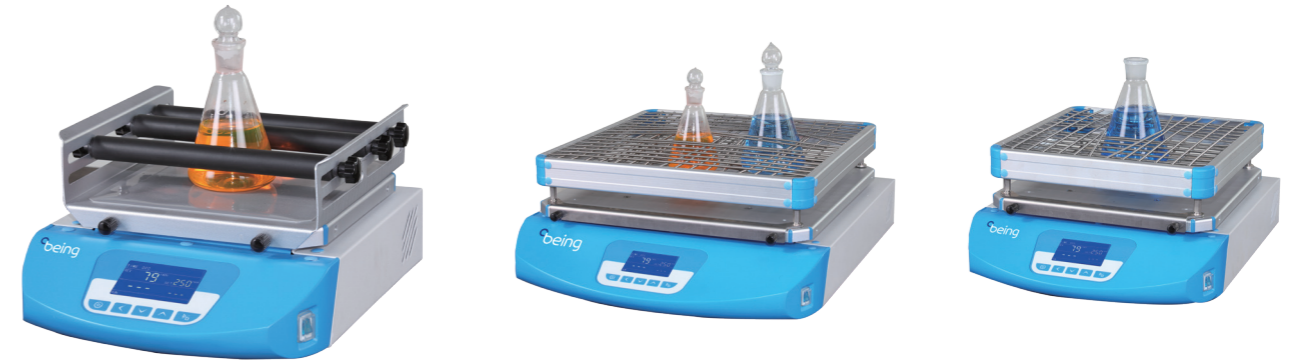
# Orbital shaker

BS-1\BS-2\BS-3



Widely applicable for researches on bacteria cultivation, fermentation, hybridization, chemical and biochemical reaction. PID controller with timing function. The alarm will get off when the real shaking speed is 10% different with setting value, and motor will stop automatically.

Speed controller ensures smooth start/stop which can prevent the liquid spill to damage the equipment.



## Features

- Microprocessor PID controller, with timing function.
- Stainless-steel or alnico plate, non-eroding and easy clean.
- DC motor with long lifetime, wide speed control.
- The alarm will start when the real shaking speed is 10% different with setting value, and motor will stop automatically.
- Speed controller ensures smooth start /stop which can prevent the liquid spill to damage the equipment.

## Specifications

Model	BS-1	BS-2	BS-3
Speed	40~250rpm	40~250rpm	40~300rpm
Frequency	20rpm	20rpm	20rpm
Maximum Capacity	1500ml	4000ml	6000ml
Amplitude of Tray	20mm	20mm	20mm
Size of Tray(mm)	250×250	350×350	450×450
Exterior Dimension (W×H×D,mm)	290×110×375	390×125×495	490×137×605
Timer Range	1~5999min	1~5999min	1~5999min
N/W	20kg	30kg	40kg
Electrical Requirement	220V 50Hz	220V 50Hz	220V 50Hz
Power Consumption	60W	60W	60W

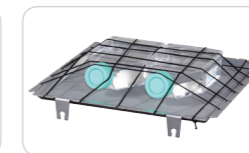
## Options (for BIS series & BS series)



universal spring clip



universal clip



cell culture triple flasks



flask clamp



for Petri dishes



# Water Bath

From 9°F over ambient temperature to 212°F

## BWB-12\BWB-22\BWB-22P



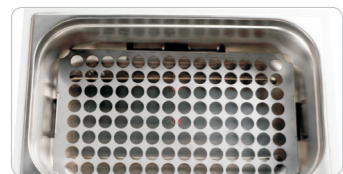
The water baths are generally used in the laboratory to maintain the constant temperature of the sample. The water baths BWB series meet the different needs of operators and allow them to use in different applications.

### Features

- Large colorful LCD display.
- Water level sensor ensures to cut off the heating power when lack of water, also with a visible and audible alarm.
- 304 stainless steel molded sink.
- A variety of tube racks can be used for different test tubes.
- The model 22P pump ensures a faster and more uniform temperature performance due to the recirculation pump which is equipped.
- The standard stainless steel bottom plate, helps to protect heaters sensors and other important components.
- Draw off valve helps to draw water and clean easily.



water level sensor



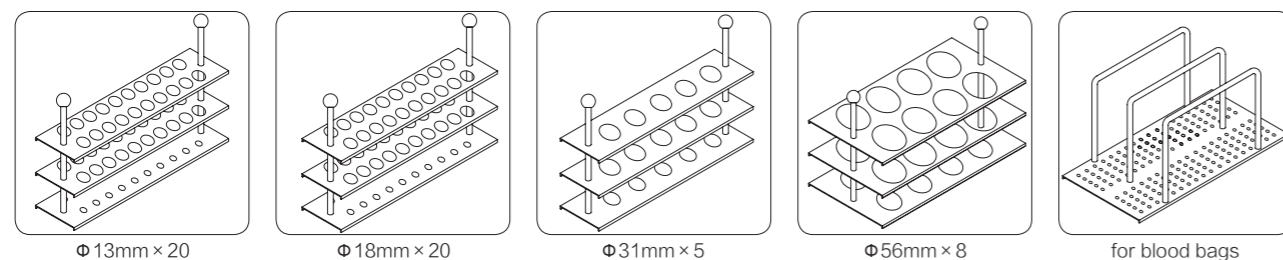
Holed bottom plate



### Specifications

Model	BWB-12	BWB-22	BWB-22P
Temperature Range	RT+5~100°C		
Temperature Fluctuation	±0.2°C		
Tracking Alarm	≤2°C		
Timer Range	1~5999min	1~5999min	1~5999min
Internal Dimension(W×H×D,mm)	305×150×245	505×150×330	505×150×330
External Dimension(W×H×D,mm)	353×340×265	558×340×342	558×340×342
N/W	12Kg	18Kg	19Kg
Electrical Requirement	AC220V / 50Hz		
Power Consumption	750W	1450W	1450W

### Rack for Tubes



# Magnetic stirrer

From 9°F over ambient temperature to 392°F

## BMS-07A3\BMS-09A5\BMS-09A12\BMS-07B3\BMS-09B5



The magnetic stirrer has large LCD screen to display more data at same time. Also, it equips the external temperature sensor for liquid and over-temp alarm system. The motor provides the free-step rotate speed adjustment function.

### Features

- Large LCD screen to display more data at same time.
- External temperature sensor for liquid, temperature range from ambient temperature to 392°F (09A series).
- Free-step speed adjustment.
- Die-cast Aluminum alloy external chamber.
- Aluminum alloy working plate.
- Over-temp alarm system, auto switch off when 878°F.
- Caution indication light: auto switch on when working plate temperature is over 122°F.



### Specifications

Model	BMS-07A3	BMS-09A5	BMS-09A12	BMS-07B3	BMS-09B5
Stirring capacity (H <sub>2</sub> O)	3L	5L	12L	3L	5L
Liquid temp range	RT+5~200°C	RT+5~200°C	RT+5~200°C	/	/
Working plate temp range	/	/	/	Rt+5~320°C	Rt+5~320°C
Speed rang(rpm)	200~1800	200~1800	200~1800	200~1800	200~1800
Temperature accuracy	±1%	±1%	±1%	±1%	±1%
Plate dimension (mm)	130×130	180×180	180×180	130×130	180×180
Exterior dimension (W×H×D,mm)	150×110×250	210×130×330	210×130×330	150×110×250	210×130×330
POWER(AC Hz)	220V/50	220V/50	220V/50	220V/50	220V/50
Heating power / Input power (Max. W)	300/350	500/550	600/650	300/350	500/550
N/W	4Kg	5Kg	5Kg	3.5Kg	4.5Kg

