



## WATER BATH

## WATER BATH

Biolab Water bath provides precise temperature control along with stirring mixture function to create a stable temperature environment for a variety of applications. Easy to use and maintain, seamless stainless steel chamber with available with a digital operating system.

Used in Clinical, General Chemistry, Preservation, Reactions of sample, DNA amplification, Initial Denaturation of electrophoresis, Laboratory.

Also known as Digital Heating Block, Laboratory Mini Dry Bath Incubator.

## 100 WATER BATH



- Microprocessor PID temperature controller
- Built-in temperature calibration and digital display
- Stainless steel bath within a sturdy body
- Easy to use and clean
- Novel structure effectively prevents vapour leakage.
- Over temperature protection and auto tuning

## SPECIFICATIONS

Model	BBWA-101	BBWA-102	BBWA-103	BBWA-104
Capacity	3.4 L	4.3 L	13.2 L	19 L
Temperature Range	RT+5°C to 100°C			
Temperature Resolution	±0.5°C			
Temperature Stability	±1.0°C			
Inner Dimension (WxDxH)	168x168x120 mm	325x168x120 mm	653x168x120 mm	945x168x120 mm
Outer Dimension (WxDxH)	390x310x230 mm	540x310x230 mm	860x310x230 mm	1140x290x250 mm
Packaging size (WxDxH)	400x320x230 mm	555x320x230 mm	865x320x235 mm	1170x320x230 mm
Concentric Rings	Single Hole	1 row, 2 holes	1 row, 4 holes	1 row, 6 holes
Weight	3.3/4.3 kg	5/6.5 kg	7/9 kg	12/14 kg
Indication Error	≤±2.5°C			
Power	400 W	500 W	1000 W	1500 W
Power Supply	220 V, 50 Hz			

Model	BBWA-105	BBWA-106	BBWA-107
Capacity	12.7 L	19 L	25 L
Temperature Range	RT+5°C to 100°C		
Temperature Resolution	±0.5°C		
Temperature Stability	±1.0°C		
Inner Dimension (WxDxH)	325x325x120 mm	480x325x120 mm	635x325x120 mm
Outer Dimension (WxDxH)	540x470x230 mm	715x470x230 mm	860x470x230 mm
Packaging size (WxDxH)	550x475x230 mm	715x475x235 mm	870x480x230 mm
Concentric Rings	2 rows, 4 holes	2 rows, 6 holes	2 rows, 8 holes
Weight	6.5/7.7 kg	8.6/9.3 kg	9/10 kg

Indication Error	$\leq \pm 2.5^{\circ}\text{C}$		
Power	1000 W	1500 W	2000 W
Power Supply	220 V, 50 Hz		



BBWA-101



BBWA-102



BBWA-103



BBWA-104



BBWA-105



BBWA-106



BBWA-107

## 200 WATER BATH



Stainless steel water sink with surface electrolysis treatment  
 Cold rolled steel plated outer shell with surface electrolysis powder spray  
 Stainless steel U type heating tube heater  
 Touch button setting  
 Measuring temperature: display on the three digital tubes upper row  
 Setting temperature: display on the lower row  
 Fixed temperature operation, timing function, auto stop  
 Optional: Multi-section program control  
 Additional function: Deviation correction, menu key lock, power failure back-up, power-off parameter memory, PID adjustable  
 Thermal resistor sensor  
 Over-temperature alarm, short-circuit protection

## SPECIFICATIONS

Model	BBWA-201	BBWA-202	BBWA-203
Capacity	3.3 L	6.3 L	12.8 L
Heating Mode	Bottom heating, water temperature natural convection		
Temperature Range	RT+5°C to 100°C		
Temperature Resolution	0.1°C		
Temperature Motion	$\pm 0.5^{\circ}\text{C}$		
Temperature Uniformity	$\pm 1.0^{\circ}\text{C}$		
Time Range	0~999 min		
Cover Aperture	$\Phi 120 \text{ mm}$		

Cover Material	PP Plastic		
Cover Number per hole	5		
Inner Dimension (WxDxH)	160x160x130 mm	305x160x130 mm	600x165x130 mm
Outer Dimension (WxDxH)	200x210x210 mm	340x210x210 mm	635x165x210 mm
Packaging size (WxDxH)	270x270x275 mm	405x275x275 mm	715x260x275 mm
Weight	3/3.5 kg	4/5 kg	7/8 kg
Power	300 W	600 W	1000 W
Power Supply	220 V, 50 Hz 1.4 A	220 V, 50 Hz 2.7 A	220 V, 50 Hz 4.5 A

Model	BBWA-204	BBWA-205	BBWA-206
Capacity	19.3 L	12 L	18.6 L
Heating Mode	Bottom heating, water temperature natural convection		
Temperature Range	RT+5°C to 100°C		
Temperature Resolution	0.1°C		
Temperature Motion	±0.5°C		
Temperature Uniformity	±1.0°C		
Time Range	0~999 min		
Cover Aperture	Φ 120 mm		
Cover Material	PP Plastic		
Cover Number per hole	5		
Inner Dimension (WxDxH)	900x165x130 mm	305x305x130 mm	470x305x130 mm
Outer Dimension (WxDxH)	930x210x210 mm	340x350x210 mm	510x350x210 mm
Packaging size (WxDxH)	1000x260x275 mm	415x415x275 mm	575x410x275 mm
Weight	8/10 kg	6/7 kg	8/9 kg
Power	1500 W	800 W	1200 W
Power Supply	220 V, 50 Hz 6.8 A	220 V, 50 Hz 3.6 A	220 V, 50 Hz 5.4 A



BBWA-201



BBWA-202



BBWA-203



BBWA-204



BBWA-205



BBWA-206

## BBWA-301 WATER BATH



Unique and novel appearance, small size, powerful functions.

All surface that contact with water adopt stainless steel material and PC material, with strong corrosion resistance.

With one hole and volume of 5 liter.

Using microcomputer program PID automatic temperature control, uniform temperature control, high precision.

Built-in water level sensor, to prevent the hidden dangers of dry burning, safe and reliable.

## SPECIFICATIONS

Model	BBWA-301
Time Range	1~99h59min (0 is forever)
Temperature Range	RT.+5°C~100°C
Temp. accuracy	±0.5°C
Temp. Uniformity@37°C	±0.5°C
Number of holes	1
Volume	5Lx1
Workspace	276x118x98mmx1
Voltage	AC 220V 50Hz
Power	700W
Dimensions	W.360xD.286xH.245mm
Net weight	5.1kgs

## 300 WATER BATH



Unique and novel appearance, small size, powerful functions.

All surface that contact with water adopt stainless steel material and PC material, with strong corrosion resistance.

With one hole and volume of 2 liter.

Using microcomputer program PID automatic temperature control, uniform temperature control, high precision.

Built-in water level sensor, to prevent the hidden dangers of dry burning, safe and reliable.

## SPECIFICATIONS

Model	BBWA-302	BBWA-303	BBWA-304
Time Range	1~99h59min (0 is forever)		

Temperature Range	RT.+5°C~100°C		
Temp. accuracy	±0.5°C		
Temp. Uniformity@37°C	±0.5°C		
Number of holes	1	2	3
Volume	2Lx1	2Lx2	2Lx3
Workspace	140x126x95mmx1	140x126x95mmx2	140x126x95mmx3
Voltage	AC 220V 50/60Hz		
Power	300W	600W	900W
Dimensions	W.198xD.290xH.240mm	W.363xD.290xH.240mm	W.510xD.290xH.240mm
Net weight	2.3kgs	5.1kgs	6.7kgs



BBWA-302



BBWA-303



BBWA-304

## 2400 WATER BATH



PID temperature controller, large LCD display screen and interface provides for userfriendly operation

Easy to set Adjustable Timer. (1 minute to 5,999 minutes)

Maintenance-free operation with easy to clean surface

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

No angle in bath chamber, easy to clean

The standard stainless-steel bottom plate, helps prevents direct contact by accessories and tubes to heating element and sensors

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

## SPECIFICATIONS

Model	BBWA-2401	BBWA-2402	BBWA-2403
Capacity	5 L	12 L	22 L
Power requirements	AC 220 V 50 HZ		
Power	500 W	800 W	1000 W
Temperature Range	RT+5 - 100°C		
Temperature fluctuation	±0.2°C		
Temperature resolution	0.1°C		
Internal dimension	280Wx130Dx150H mm	305Wx150Dx240H mm	505Wx150Dx330H mm
External dimension	345Wx200Dx340H mm	353Wx340Dx265H mm	558Wx340Dx342H mm
Timer	1 - 5999 min		
Net weight	5 Kg	12 Kg	18 Kg
Porous cover(lid)	2 - hole	4 - hole	6 - hole



BBWA-2401



BBWA-2402



BBWA-2403

## BBWA-2404 WATER BATH



PID temperature controller, large LCD display screen and interface provides for userfriendly operation

Easy to set Adjustable Timer. (1 minute to 5,999 minutes)

Built-in circulating water pump to ensure uniform upper and lower temperature of bath lotion

Maintenance-free operation with easy to clean surface

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

No angle in bath chamber, easy to clean

The standard stainless-steel bottom plate, helps prevents direct contact by accessories and tubes to heating element and sensors

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

## SPECIFICATIONS

Model	BBWA-2404
Capacity	22 L
Power requirements	AC 220 V 50 HZ
Power	1000 W
Temperature Range	RT+5 - 80°C
Temperature fluctuation	±0.2°C
Temperature resolution	0.1°C
Internal dimension	505Wx150Dx330H mm
External dimension	558Wx340Dx342H mm
Timer	1 - 5999 min
Net weight	19 Kg
Porous cover(lid)	6 - hole

## 3100 WATER BATH

A stamping molding stainless steel tank, easy to clean

LCD screen, multiple data display with timing function, easy to operate

Stainless steel shelves cover heater and sensor to avoid damage during using

Once-forming stainless steel lid

Cut off heater automatically in case of lack of water, meanwhile visible and audible alarm ensures to remind users in time

Independent temperature-limiting alarm system

temperature error alarm

Test tube holder can be placed

## SPECIFICATIONS

Model	BBWA-3101	BBWA-3102	BBWA-3103
Capacity	2 holes $\Phi$ 112 mm	4 holes $\Phi$ 92 mm	6 holes $\Phi$ 92 mm
Temperature range	RT+5-100°C		
Electrical Requirement	AC 220 50 Hz		
Power Consumption	500 W	1000 W	2050 W
Temperature Stability	$\pm 0.3^{\circ}\text{C}$		
Temp Alarm	$\pm 2^{\circ}\text{C}$		
Interior dimension	130Wx280Dx150H mm	220Wx280Dx150H mm	290Wx490Dx150H mm
Exterior dimension	396Wx250Dx260H mm	396Wx330Dx260H mm	600Wx390Dx260H mm
Timing Range	1~5999 min		

Model	BBWA-3104	BBWA-3105	BBWA-3106
Capacity	2holes+2holes	2holes+4holes	11 L
Temperature range	RT+5-100°C		
Electrical Requirement	AC 220 50 Hz		
Power Consumption	500W+500W	500W+1000W	800 W
Temperature Stability	$\pm 0.3^{\circ}\text{C}$		$\pm 0.2^{\circ}\text{C}$
Temp Alarm	$\pm 2^{\circ}\text{C}$		0.1°C
Interior dimension	130Wx280Dx150H mm		300Wx240Dx200H mm
Exterior dimension	450Wx395Dx260H mm	526Wx395Dx260H mm	480Wx300Dx480H mm
Timing Range	1~5999 min		

Model	BBWA-3107	BBWA-3108	BBWA-3109
Capacity	11 L	20 L	
Temperature range	RT+5-80℃	RT+5-100℃	RT+5-80℃
Electrical Requirement	AC 220 50 Hz		
Power Consumption	800 W	1000 W	
Temperature Stability	±0.2℃		
Temp Alarm	0.1℃		
Interior dimension	300Wx240Dx200H mm	500Wx300Dx200H mm	
Exterior dimension	480Wx300Dx480H mm	680Wx360Dx390H mm	
Timing Range	1~5999 min		





BBWA-3102



BBWA-3103



BBWA-3106



BBWA-3107



BBWA-3108



BBWA-3109

## 3200 WATER BATH



Microprocessor control with timing function  
Digital display  
Audible and visible alarm for over temperature

## SPECIFICATIONS

Model	BBWA-3201	BBWA-3202	BBWA-3203
Capacity	11 L	34 L	12 L
Electrical Requirement	220 V 50 HZ		
Power Consumption	500 W	1000 W	400 W
Temperature Range	RT+5-100°C		
Temperature Stability	±0.5°C		
Display Resolution	0.1 °C		
Interior dimension	420Wx180Dx150H mm	600Wx300Dx190H mm	300Wx240Dx160H mm
Exterior dimension	570Wx220Dx260H mm	750Wx350Dx300H mm	460Wx280Dx190H mm
Timing Range	1~999 min		

Model	BBWA-3204	BBWA-3205	BBWA-3206
Capacity	22 L	30 L	2.1 L x 3
Electrical Requirement	220 V 50 HZ		

Power Consumption	600 W	1000 W	750 W
Temperature Range	RT+5-100°C		RT+5-99°C
Temperature Stability	±0.5°C		±0.3°C
Display Resolution	0.1 °C		
Interior dimension	450Wx300Dx190H mm	600Wx300Dx190H mm	150Wx125Dx110H mm
Exterior dimension	610Wx340Dx260H mm	760Wx340Dx280H mm	490Wx245Dx310H mm
Timing Range	1~999 min		



BBWA-3201



BBWA-3202



BBWA-3203



BBWA-3204



BBWA-3205



BBWA-3206



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