

Dual Chamber Water Baths

BWB-0505 & BWB-0510



2-in-1 General-purpose Water Baths

The BEING BWB dual chamber general-purpose water baths puts two independently controlled bath chambers in one body. They provide precise laboratory temperature control suitable for direct and auxiliary heating of biological, chemical, physical, plant, chemical, and other experimental samples for Escherichia coli detection, sample thawing, bacterial detection, incubation microbial experiments, cell culture, food testing pretreatment, and more.

Construction Features

- Available in 2 sizes: 5L / 5L and 5L / 10L chambers
- Corrosion-resistant stainless steel chamber, temperature sensor, and heater
 - Maintenance-free operation
 - Rounded corners for quick and easy cleaning
- Corrosion-resistant stainless steel, holed chamber shelf protects temperature sensor and heater while allowing better heat transfer to the water.
- See-through plastic chamber hoods with stainless steel handles minimize chamber water loss due to evaporation.
- Corrosion-resistant stainless steel chamber cover plate with multi-segmented plastic evaporation reduction rings holds the flasks in place while minimizing water loss during use without chamber hoods.
- Dual, independent, quick-connect drain valve makes emptying of bath water fast and easy for cleaning and moving.
- Accessories include blood bag holder and Ø13, Ø18, Ø31, and Ø56mm test tube racks.

Performance Features

- Temperature Range: Ambient + 5°C to 100°C
- Temperature Uniformity: $\pm 0.2^{\circ}\text{C}$
- Temperature Stability: $\pm 0.3^{\circ}\text{C}$

Controller Features

- PID automatic control provides accurate and reliable temperature control
- Large intuitive LCD display
- Automatic power on/off
- Programmable function
 - Turn and push temperature and timer setting
 - Fixed value program
 - Untimed and timed programs
 - Program time from 1 minute to 99 hours 59 minutes

Intelligent controller with bright, easy-to-understand LCD display.



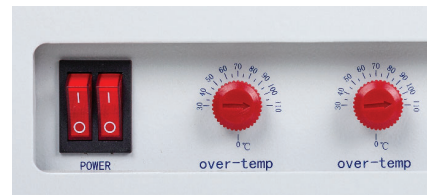
Safety Features

- Independent over-temperature protection meets DIN 12880 International standard requirements
- Illuminated independent chamber power switches
- Temperature limit protection
- Over-current protection
- Power off memory



Stainless steel, holed bottom plate provides a platform to sit flasks on while protecting the heating element and temperature sensor.

A fuse and two independent adjustable over-temperature switches protects the bath and user. Run chambers independently with dual power switches.



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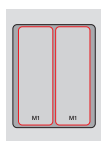
Specifications

Model		BWB-0505		BWB-0510	
Capacity	Capacity (L)	5	5	5	10
Controller	Temperature Range	Ambient + 9°F to 212°F / Ambient + 5°C to 100°C			
	Temperature Uniformity (@37°C)	± 0.2°C			
	Temperature Stability (@37°C)	± 0.3°C			
	Display Resolution	0.1			
	Timer (hh:mm)	00:01 - 99:59			
Multi-segment Lid		2-hole	2-hole	2-hole	4-hole
Electrical	Power Consumption (W)	500	500	500	750
	Power Requirement	120VAC / 60Hz			
	Plug Type	NEMA 5-15			
Dimensions	Interior	W x H x D (in / mm)	11.0 x 5.9 x 5.1 280 x 150 x 130	11.0 x 5.9 x 5.1 280 x 150 x 130	11.0 x 5.9 x 5.1 280 x 150 x 130
	Exterior		17.1 x 10.6 x 14.7 435 x 270 x 375		20.6 x 10.0 x 14.8 523 x 255 x 376
Net Weight (lb / Kg)		10 / 22		14 / 31	
Catalog Number		BW21205U		BW21215U	

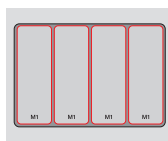
NOTE: All specifications listed are based on testing done at 25°C.

Water Bath Accessories

Catalog No.	Description	Modules per Chamber Size	
		5L	10L
P19201	Ø13mm x 20 Tube Rack	2	4
P19202	Ø18mm x 20 Tube Rack	2	4
P19500	Ø31mm x 5 Tube Rack	2	4
P19800	Ø56mm x 8 Tube Rack	0	1
P19000	Blood bag holder	0	1



5L
Chamber



10L
Chamber

*Accessories can be mixed and matched so long as the combination is within the total number of modules available for each chamber size. The 5L chamber has 2 modules and the 10L has 4. The Ø56mm test tube rack and the blood bag holder are 2 modules wide.

For example, the 5L chamber could hold a Ø13mm and a Ø31mm test rack. The 10L could have a blood bag holder and a Ø56mm test tube rack in it, or two Ø31mm test tube racks, a Ø18mm test rack, and a Ø13mm test tube rack.