

General Purpose Water Baths

BWB-05, BWB-12 & BWB-22



Precise Gentle Direct and Auxiliary Heating

The BEING BWB general-purpose water baths 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 3 sizes: 5L, 10L, and 20L
- 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.
- 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 with the chamber cover open.
- Hinged stainless-steel gable chamber cover holds heat in and minimize chamber water loss due to evaporation.
- 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
 - Fixed value program
 - Multi-step: 8 programs, 8 steps
 - Untimed and timed programs
 - Program time from 1 minute to 99 hours 59 minutes

Safety Features

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

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



Stainless steel, holed bottom plate provides a platform to sit flasks, blood bag holders and test tube racks on while protecting the heating element and temperature sensor.

A fuse and an adjustable over-temperature protects the bath and user.



BEING Scientific Inc.

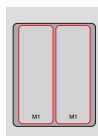
Specifications

| Model | | | BWB-05 | BWB-12 | BWB-22 |
|------------------------------------|--------------------------------|--------------------------------------|--|--|--|
| Capacity | Capacity (L) | | 5 | 10 | 20 |
| 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 | 4-hole | 6-hole |
| Electrical | Power Consumption (W) | | 500 | 750 | 1450 |
| | 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 8.7 280 x 150 x 220 | 19.3 x 5.90 x 11.8 490 x 150 x 300 |
| | Exterior | | 13.6 x 13.4 x 7.9 345 x 340 x 200 | 13.5 x 14.0 x 11.2 345 x 355 x 285 | 21.4 x 14.0 x 13.5 545 x 355 x 343 |
| Net Weight (lb / Kg) | | | 5 / 11 | 12 / 26 | 18 / 40 |
| Catalog Number | | | BW15005U | BW15010U | BW15020U |

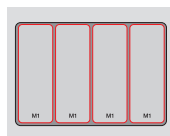
NOTE: All specifications listed are based on testing done at 25°C.

Water Bath Accessories

| Catalog No. | Description | Modules per Model ¹ | | |
|-------------|----------------------|--------------------------------|--------|--------|
| | | BWB-05 | BWB-12 | BWB-22 |
| P19201 | Ø13mm x 20 Tube Rack | 2 | 4 | 8 |
| P19202 | Ø18mm x 20 Tube Rack | 2 | 4 | 8 |
| P19500 | Ø31mm x 5 Tube Rack | 2 | 4 | 8 |
| P19800 | Ø56mm x 8 Tube Rack | 0 | 1 | 2 |
| P19000 | Blood bag holder | 0 | 1 | 2 |



BWB-05



BWB-12



BWB-22

¹Accessories can be mixed and matched so long as the combination is within the total number of modules available for each model. The BWB-05 has 2 modules, the BWB-12 has 4, and the BWB-22 has 8. The Ø56mm test tube rack and the blood bag holder are 2 modules wide.

For example, the BWB-05 could hold a Ø13mm and a Ø31mm test rack. The BWB-22 could have a blood bag holder, a Ø56mm test tube rack, two Ø31mm test tube racks, a Ø18mm test rack, and a Ø13mm test tube rack in it.