



Baths and Circulators

Heating Baths (General)



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Model name: BW3-05G/10G/20G



Outstanding temperature control water baths for diverse applications

Performance

- Temperature range from ambient +5°C to 100°C.
- Microprocessor PID control / Automatic tuning / Calibration.

Convenience

- Easy readout digital LED displays. (0.1°C resolution)
- Dual wait on/off timer modes. (1 min. to 99 hr. 59 min.)
- Programming functions are ideal for critical research quality control, and regulatory tests.
- Convenient memory function of up to three frequently set temperature.
- Corrosion-resistant stainless steel construction allowing other bath fluids as well as water and silicone fluids.
- Low-profile reservoir design.





Safety

- Isolated design of heater, and sensor by a baffle plate to protect users and samples against direct contact.
- Complete safety protection system with warning alarms.
 - Low fluid level and dry-running, over-temperature, over-current.
- Splash-proof keypad.



Accessories and Options

Transparent Polypropylene Gable Covers

Prevent liquid loss due to evaporation, and also protect samples from contamination due to direct dripping of the bath liquid into the samples. The gable type roof accommodates glassware of varying heights.

Cat. No.	Description	Suitable for
AAA45531	Transparent Polypropylene Gable Type	BW3-05G
AAA45532	Transparent Polypropylene Gable Type	BW3-10G
AAA45533	Transparent Polypropylene Gable Type	BW3-20G



Stainless Steel Flat Covers

Made of stainless steel to prevent corrosion and rust (only for BW-H and BW-B Models)

Cat. No.	Description	Suitable for
AAA45541	Stainless steel flat type	BW3-05G
AAA45542	Stainless steel flat type	BW3-10G
AAA45543	Stainless steel flat type	BW3-20G





Open-rings Covers

Beakers or Erlenmeyer flasks can be placed directly onto the perforated stainless steel half-shelf adjuster or water tank bottom. By adjusting ring size for each glassware, liquid loss due to evaporation is minimized. (only for BW-H, BW-B, BW-G Models)



Cat. No.	Description		Suitable for
AAA45521	with 2 openings	80mm dia. (3.1")	BW3-05G
AAA45524	with 1 opening	110mm dia. (4.3")	
AAA45522	with 4 openings	80mm dia. (3.1")	BW3-10G
AAA45525	with 2 openings	110mm dia. (4.3")	
AAA45526	with 1 opening	185mm dia. (7.3")	
AAA45523	with 8 openings	80mm dia. (3.1")	BW3-20G
AAA45527	with 6 openings	110mm dia. (4.3")	
AAA45528	with 2 openings	185mm dia. (7.3")	



Test Tube Racks

Highly durable stainless steel test tube racks feature adjustable angle and tube height support without requiring any base plate. You can easily mount and release test tube racks.



Cat. No.	Description		Insert Capacity of Racks*	
AAA41531	for 50 test tubes	Ø8mm / Ø0.3"	BW-05H	RW3-1025/P
AAA41532	for 50 test tubes	Ø10mm / Ø0.4"	BW-05B	RW3-1040/P
AAA41533	for 33 test tubes	Ø12mm / Ø0.5"	BW3-05G	CW3-10/P
AAA41535	for 16 test tubes	Ø16mm / Ø0.6"		
AAA41539	for 10 test tubes	Ø25mm / Ø1.0"	1ea	
AAA45551	for 176 test tubes	Ø8mm / Ø0.3"	BW3-10G	BW3-20G
AAA45552	for 176 test tubes	Ø10mm / Ø0.4"	BW-10B	BW-20B
AAA45554	for 84 test tubes	Ø12mm / Ø0.5"		
AAA45556	for 68 test tubes	Ø16mm / Ø0.6"		
AAA45561	for 33 test tubes	Ø25mm / Ø1.0"	1ea	2ea



Spring Wire Racks

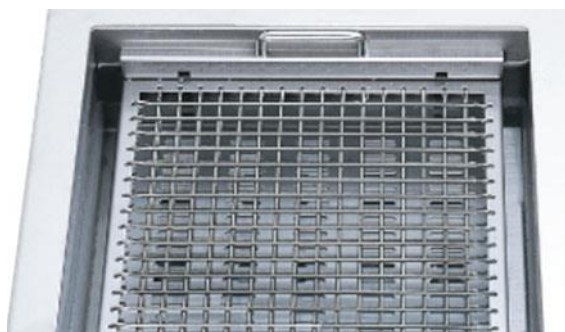
Ideal for holding a wide variety of tubes, flasks, and other glassware. All components are made of stainless steel. (for all models)

Cat. No.	Suitable for
AAA45502	BW3-10G
AAA45503	BW3-20G

Half-shelf Adjusters

Stainless steel perforated sample tray shelves with adjustable height support prevent leaks and guard against rust and contamination. (only for BW-H, BW-B, and BW-G Models)

Cat. No.	Suitable for
AAA45511	BW3-05G
AAA45512	BW3-10G
AAA45513	BW3-20G





Specifications

Model		BW3-05G	BW3-10G	BW3-20G
Bath volume (L / cu ft)		3.5 / 0.1	11.5 / 0.4	20 / 0.7
Working temperature range (°C / °F)		Amb. +7 to 100 / Amb. +12.6 to 212		
Temperature stability ¹⁾ (±°C / °F)		0.4 / 0.72	0.3 / 0.72	0.3 / 0.72
Dimension	Bath opening / depth (W×L, D) (mm / inch)	240×136, 150/ 9.4×5.4, 5.9	300×240, 200/ 11.8×9.5, 7.9	498×300, 200/ 19.6×11.8, 7.9
	Exterior with gable cover (W×L×H) (mm / inch)	307×200×264/ 12.1×7.9×10.4	360×300×294 / 14.2×11.8×11.6	564×356×294 / 22.2×14×11.6
	Net weight (kg / lbs)	6.5 / 14.3	10 / 22	18.5 / 40.8
Electrical requirements (230V, 50 / 60Hz)		3A	4.3A	8.7A
Cat. No.		AAH41035K	AAH41315K	AAH41325K
Electrical requirements (120V, 50 / 60Hz)		5.8A	8.3A	8.3A
Cat. No.		AAH41306U	AAH41316U	AAH41326U