

# Heating Bath Agitator type



## Dual model with agitation function and independent control.

### Structural Functional Features

- Incorporates agitation function by magnetic stirring to mix solution uniformly and improve temperature distribution.
- Dual type is a model series that allows for independent temperature control for each bath and also reduces space and costs of experiments.
- Compact design for excellent space utilization.
- The internal bath is integral structure. It is made of stainless steel and has excellent durability.
- The control part at the bottom front is tilted, making it easier to set up the product and check information.
- Convenient for carrying and moving with handles on the left and right sides.



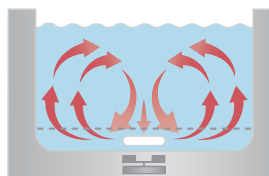
**BW-0510H**

### Use Convenience Features

- Microprocessor PID method for precise temperature control.
- Optimized temperature control with temperature auto-tuning.
- Calibration function minimizes temperature difference.
- Save and use 3 frequently used temperatures.
- Possible to select whether to use the agitation function or not, and scale-type agitation speed control makes it easy to operate.
- Automatic restart of operation when power is restored after sudden power failure.

### Outstanding Safety

- Top-rated overheating prevention system. (registration 10-0397583)
- Over temperature limit function.
- Malfunction prevented by controller lock function.
- Safe structure in which the heater, sensor, and pump inside the bath are separated by covering plates.
- If an error occurs during operation, the details of the error are shown on the display and an alarm is sounded.



Circulation of solution by an agitator



**BW-10H**

with Gable Cover & Test Tube Rack (option)

## Specification

Model		BW-05H	BW-10H	BW-20H	BW-0505H	BW-0510H	BW-1010H	BW-1020H
<b>Type</b>		Single Bath	Single Bath	Single Bath	Dual Bath	Dual Bath	Dual Bath	Dual Bath
<b>Bath volume (L / cu ft)</b>		3.5 / 0.1	11.5 / 0.4	20 / 0.7	3.5 & 3.5 / 0.1 & 0.1	3.5 & 11.5 / 0.1 & 0.4	11.5 & 11.5 / 0.4 & 0.4	11.5 & 20 / 0.4 & 0.7
<b>Temperature</b>	Working temp. range (°C / °F)	Amb. +5 to 100 / Amb. +9 to 212	Amb. +5 to 100 / Amb. +9 to 212	Amb. +5 to 100 / Amb. +9 to 212	Amb. +5 to 100 / Amb. +9 to 212	Amb. +5 to 100 / Amb. +9 to 212	Amb. +5 to 100 / Amb. +9 to 212	Amb. +5 to 100 / Amb. +9 to 212
	Temp. stability at 50°C (±°C / °F)	0.1 / 0.18	0.1 / 0.18	0.1 / 0.18	0.1 / 0.18	0.1 / 0.18	0.1 / 0.18	0.1 / 0.18
	Heat up time to 70°C (min)	25	45	50	25 & 25	25 & 45	45 & 45	45 & 50
<b>Dimension</b>	Bath opening / depth (W x L, D) (mm / inch)	240 x 136, 150 / 9.4 x 5.4, 5.9	300 x 240, 200 / 11.8 x 9.5, 7.9	498 x 300, 200 / 19.6 x 11.8, 7.9	240 x 136, 150 & 240 x 136, 150	240 x 136, 150 & 300 x 240, 200	300 x 240, 200 & 300 x 240, 200	300 x 240, 200 & 498 x 300, 200
	Exterior (W x L x H) (mm / inch)	307 x 216 x 266 / 12.1 x 8.5 x 10.5	364 x 316 x 318 / 14.3 x 14.4 x 12.5	564 x 372 x 318 / 22.2 x 14.6 x 12.5	590 x 216 x 265 / 23.2 x 8.5 x 10.4	544 x 316 x 318 / 21.4 x 12.4 x 12.5	706 x 300 x 318 / 27.8 x 11.8 x 12.5	844 x 372 x 318 / 33.2 x 14.6 x 12.5
	Net weight (kg / lbs)	6.5 / 14.3	9.5 / 21	15.5 / 34.2	12.3 / 27.1	15 / 33.1	17.3 / 38.1	20.7 / 45.6
<b>Electrical requirements (230V, 50/60Hz, A)</b>		3.0	4.3	8.7	3 & 3	3 & 4.3	4.3 & 4.3	4.3 & 8.7
<b>Cat. No.</b>		<b>AAH45115K</b>	<b>AAH45125K</b>	<b>AAH45135K</b>	<b>AAH47115K</b>	<b>AAH47125K</b>	<b>AAH47135K</b>	<b>AAH47145K</b>
<b>Electrical requirements (120V, 60Hz, A)</b>		5.8	8.3	8.3	5.8 & 5.8	5.8 & 8.3	8.3 & 8.3	8.3 & 8.3
<b>Cat. No.</b>		<b>AAH45113U</b>	<b>AAH45123U</b>	<b>AAH45133U</b>	<b>AAH47113U</b>	<b>AAH47123U</b>	<b>AAH47133U</b>	<b>AAH47143U</b>

※ The lowest temperature that can be controlled depends on changes in room temperature and sample temperature. Therefore, please contact the distributor of our products before purchasing for technical consultation.  
 ※ Technical data (according to DIN 12876)  
 ※ Bath fluid : Water, Using agitator