

Block Heater HB-1 / HB-2



Wealtec HB-1/HB-2 are the benchtop drybath block heaters with chemical oxygen demand (COD) reactor capability. The versatility of the HB-1/HB-2 offers a wide range of aluminum block configurations to accommodate a variety of test tubes.

- Real-time temperature display and timer display
- Celsius and Fahrenheit display
- Built-in platinum sensor for temperature accuracy and precise control
- Temperature ranges from ambient +5°C to 200°C, with the cut-off at 212°C for overheating protection.
- A selection of Interchangeable modular aluminum blocks accommodates a variety of tubes and vessels.

Applications










- Water quality testing: chemical oxygen demand (COD), total organic carbon (TOC), total phosphate, total nitrogen, and total chromium
- Sample preparation and preservation
- Enzyme reaction
- DNA amplification
- Serum coagulation



Specifications

Model	HB-1	HB-2
Temperature range	30°C to 200°C	
Temperature stability	1°C @ 100°C by 120 minutes test	
Temperature uniformity	< 0.5°C @ 100°C	
Temperature accuracy	< 1°C @ 100°C (@ 230V / 50Hz, 115V / 60Hz)	
Temperature controller	Pre-calibrated	
Display and Control	Two large size four digit LED display	
Temperature Calibration	Built-in and pre-calibrated	
Heating rate	<18 minutes from ambient to 100°C @ 230V, 50Hz	
Number of blocks	1	2
Heat power	300W	600W
Over temperature cutoff	212°C	
Timer	0-999 minutes	
Power	120V / 60Hz; 230V / 50Hz, voltage variation < 2%	
Cabin dimensions	102 x 78 x 46mm (W x D x H)	156 x 102 x 46mm (W x D x H)
Physical dimensions	310 x 250 x 80mm (W x D x H)	
Weight without block	3.3kg	4.8kg
Certification	CE	

Ordering Information

Catalog No.	HB-1				
1092001	HB-1 Block Heater with block extractor and an aluminum block for 12 x 16mm test tubes, 120V				
1092002	HB-1 Block Heater with block extractor and an aluminum block for 12 x 16mm test tubes, 230V				
1092003	HB-1 Block Heater with block extractor and an aluminum block for 20 x 1.5ml microtubes, 120V				
1092004	HB-1 Block Heater with block extractor and an aluminum block for 20 x 1.5ml microtubes, 230V				
1092005	HB-1 Block Heater with block extractor and an aluminum block for 30 x 0.5ml microtubes, 120V				
1092006	HB-1 Block Heater with block extractor and an aluminum block for 30 x 0.5ml microtubes, 230V				
1092011	HB-1 Block Heater w/o block, 120V				
1092012	HB-1 Block Heater w/o block, 230V				
HB-2					
1092021	HB-2 Block Heater w/o block, 120V				
1092022	HB-2 Block Heater w/o block, 230V				
1092107	HB-2 Block Heater with block extractor and two optional aluminum blocks*, 120V				
1092108	HB-2 Block Heater with block extractor and two optional aluminum blocks*, 230V				
Model	BK01	BK02	BK03	BK04	BK05
					
Block material	solid anodized aluminum				
Number of holes	12	20	30	88	12
Tube type	16mm	1.5ml	0.5ml	0.2ml	19mm
Hole diameter (mm)	16.8	11.4	7.7	6	19
Hole depth (mm)	44	34	25	20	44
Bottom Shape	round				
Dimensions (LxWxH)	102 x 78 x 46mm				
Catalog No.	1092101	1092102	1092103	1092106	1092111
Model	BK06	BK07	BK08	BK09	
					
Block material	solid anodized aluminum				
Number of holes	24	15	8	8	12
Tube type	1.5ml	16mm	23.5mm	2.0ml	1.5ml
Hole diameter (mm)	11	16.8	23.5	11.4	11.4
Hole depth (mm)	34	44	41	34	34
Bottom Shape	round			round	conical
Dimensions (LxWxH)	102 x 78 x 46mm				
Catalog No.	1092112	1092113	1092214	1092215	



Wealtec Bioscience Co., Ltd.
27F., No.29-1, Sec. 2, Zhongzheng E. Rd., Danshui Dist.,
New Taipei City 25170, Taiwan
Tel: +886-2-8809-8587 Fax: +886-2-8809-8589
E-Mail:sales@wealtec.com Web-site:http://www.wealtec.com

No.0422HB01©2024Wealtec Corp

