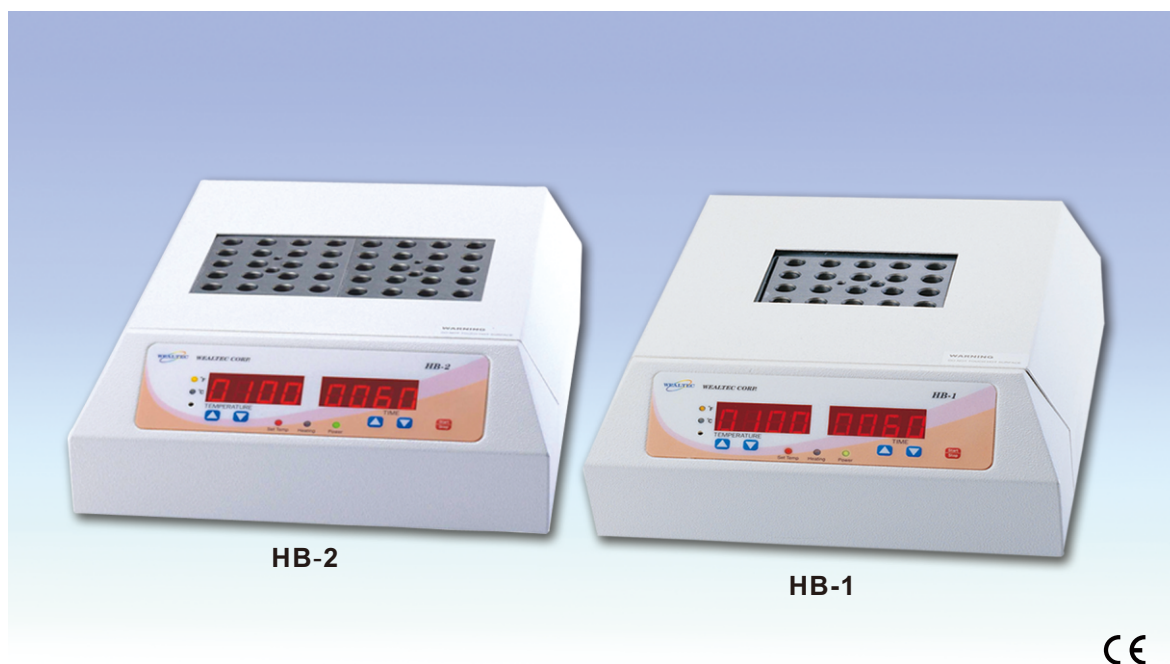


# Block Heater



## Features

- Low cost, safe heating device at laboratory
- Selectable wide variety aluminum block
- No more external temperature probe
- COD reactor

## Applications

- Corrosive testing in analytical chemistry and environmental control laboratory
- Organic compound digestion in food industrial and inspection laboratory
- Education, university, academic and research instit
- Drug discovery, Biotechnology company

## 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 (Watt)	250 W	500 W
Over temperature cutoff	212°C	
Timer	0 - 999 minutes	
Power	120 / 60Hz; 230V / 50Hz, voltage variation < 2%	
Cabin dimensions (mm)	102 x 78 x 46 (W x D x H)	156 x 102 x 80 (W x D x H)
Physical dimensions (mm)	310 x 250 x 80 (W x D x H)	
Weight without block (kg)	3.3	4.8
Certification	CE	

The spec is subject to change without prior notice.

## Ordering Information

Catalog No.	Description
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
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
1092011	HB-1 Block Heater w/o block, 120V
1092012	HB-1 Block Heater w/o block, 230V
1092021	HB-2 Block Heater w/o block, 120V
1092022	HB-2 Block Heater w/o block, 230V
<b>Accessories</b>	
1092101	12 x 16mm test tubes aluminum block for HB-1 / HB-2
1092102	20 x 1.5ml microtubes aluminum block for HB-1 / HB-2
1092103	30 x 0.5ml microtubes aluminum block for HB-1 / HB-2
1092105	Custom-made block for HB-1 / HB-2
1092106	88 x 0.2ml microtubes aluminum block for HB-1 / HB-2
1092111	12 x 19mm test tubes aluminum block for HB-1 / HB-2
1092112	24 x 1.5ml microtubes aluminum block for HB-1 / HB-2
1092113	15 x 16mm test tubes aluminum block for HB-1 / HB-2
1092114	8 x 23.5mm aluminum block
1092201	AVR for high accuracy temperature requirement, 500VA, Output: 115V ± 1.5%, 60Hz
1092202	AVR for high accuracy temperature requirement, 500VA, Output: 230V ± 1.5%, 50Hz



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