



# 1 Block Dry Block Heaters



## *Versatile Block Heaters Designed for Everyday Use with Accessories for Every Application*

Versatile Dry Block Heaters are ideal for applications that require temperature stability. All units hold one optional interchangeable modular block with over 40 choices. Blocks are easy to use, no tools required. Close tube-to-block contact enables maximum heat retention, resulting in efficient heating. Digital models offer exceptional temperature uniformity and stability for repeatable results, while non-digital models are an economical choice.

### *Unique Features:*

- Designed for reliable everyday use in the lab. Digital and non-digital Block Heaters offer exceptional temperature uniformity with outstanding temperature stability.
- Ensure temperature accuracy. Digital models include a unique single point calibration feature to match the block heater's display to a known external temperature standard for 3 temperature setpoints.
- Digital models feature easy to use touchpad controls with independent displays for temperature and time. Robust non-digital models are controlled with dual temperature adjustment knobs.

# 1 Block Dry Block Heaters

Model	HB1AL	HB1DG
Control	Non-Digital	Digital
Temperature Range	Low range: Ambient + 5 °C – 100 °C; High range: 75 °C – 150 °C	Ambient + 5 °C – 120 °C
Stability @ 37 °C	+/-1 °C (120V), +/- 1.5 °C (230V)	+/-0.1 °C (120V), +/-0.2 °C (230V)
Uniformity w/in the block @ 37 °C	+/-0.1 °C (120V), +/-0.4 °C (230V)	+/-0.1 °C (120V), +/-0.2 °C (230V)
Heat Up Time to 100 °C	≤16 min	
Temperature Calibration	NA	.
Number of Blocks	1	
Overshoot Protection	NA	10 °C above set point
Working Environment	18 °C – 33 °C, 20% – 80% relative humidity, non-condensing	
Power	230V, 0.5A, 50/60Hz	
Power Consumption	110 W	
Dimensions (W × L × H)	203 × 315 × 89 mm	
Net Weight	2.5 kg	

## Other Standard Features and Equipment

Touchpad control and audible alarm (digital model), painted steel housing, digital model includes support rod holder with locking knob, detachable 3-wire cord and plug (included)

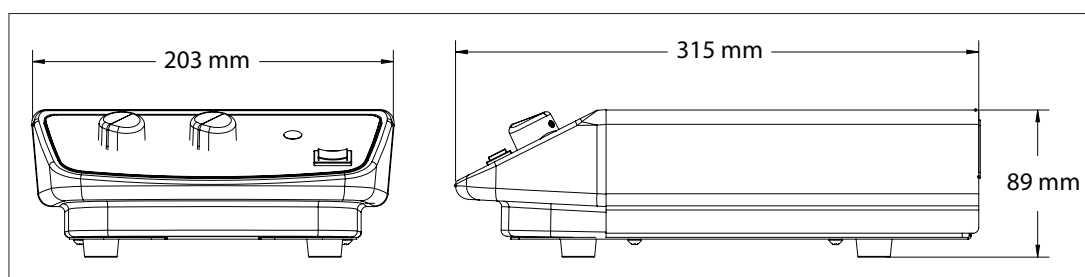
## Compliance

- **Product Safety:** EN 61010-1, EN 61010-2-051
- **Electromagnetic Compatibility:** EN 61326-1 Class A, Industrial Environments
- **Compliance Marks:** CE; RCM; UKCA; TÜV SÜD

## Accessories

Module Block 10 mm Test Tube, 24 Wells .....	30400151	Sand Bath, 1 Block Unit .....	30400173
Module Block 12/13 mm, 20 Wells .....	30400152	Sand, 0.5 kg Bag .....	30400177
Module Block 15/16 mm, 12 Wells .....	30400153	Stainless Steel Shot, 0.5 kg .....	30400178
Module Block 20 mm Test Tube, 8 Wells .....	30400154	Module Block For Vials 12 mm, 20 Wells .....	30400182
Module Block 25 mm Test Tube, 6 Wells .....	30400155	Module Block For Vials 15 mm, 20 Wells .....	30400183
Module Block - Test Tube Combination Block:		Module Block For Vials 17 mm, 12 Wells .....	30400184
6 mm, 12/13 mm, 25 mm .....	30400156	Module Block For Vials 19 mm, 12 Wells .....	30400185
Module Block 0.5 mL Microtaper, 30 Wells .....	30400157	Module Block For Vials 21 mm, 9 Wells .....	30400186
Module Block 6 mm Test Tube, 30 Wells .....	30400158	Module Block For Vials 23 mm, 8 Wells .....	30400187
Module Block 1.5 mL Microtaper, 20 Wells .....	30400159	Module Block For Vials 25 mm, 8 Wells .....	30400188
Module Block Solid .....	30400160	Module Block For Vials 28 mm, 6 Wells .....	30400189
Module Block Cuvette - 12 Cuvet, 2 Wells .....	30400161	Module Block For Vials 16 mm, 15 Wells .....	30400190
Module Block 11.5/1.5 mL Microcentrifuge, 20 Wells		Module Block, 2.0 mL Tube, 20 Wells .....	30400191
.....	30400162	Module Block, 2.0 mL Corning Tube, 20 Wells ...	30400192
Module Block 250 Microliter/6 mm, 30 Wells ...	30400163	Module Block Combo - Centrifuge Tube Configuration:	
Module Block 12/13 mm, 16 Wells .....	30400165	50 mL-2 Wells, 15 mL-3 Wells, 1.5 mL-4 Wells ...	30400193
Module Block 35 mm Test Tube, 4 Wells .....	30400167	Module Block Combo - Micro Tube Combination:	
Module Block 50 mL Conical Centrifuge, 5 Wells	30400168	2 mL-5 Wells, 1.5 mL-10 Wells, 0.5 mL-6 Wells ..	30400194
Module Block 0.2 mL Micro, 80 Wells .....	30400169	Module Block 17/18 mm, 12 Wells .....	30400195
Module Block 0.2 mL Micro, 64 Wells .....	30400170	Stainless Steel Probe Kit* .....	30400246
Module Block 15 mL Conical Centrifuge, 12 Wells	30400172	*NA for HB1AL	

## Dimensions



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The management system  
governing the manufacture  
of this product is  
ISO 9001:2015 certified.

