



# 1 Block Dry Block Heaters



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

Versatile Dry Block Heaters are ideal for applications that require temperature stability. 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. All units hold optional interchangeable modular blocks with over 40 choices. Blocks are easy to use, no tools required.

### **Standard Features:**

- **Delivering Exceptional Temperature Stability and Uniformity**  
Designed for every day use in the lab. Digital and non-digital Block Heaters offer exceptional temperature uniformity with outstanding temperature stability.
- **Calibrate to an External Temperature Device with Temperature Calibration Mode**  
Digital models with user calibration feature allows you to match the Block Heater's display to your known external temperature standard which improves the temperature accuracy of the system.
- **Accurate and Fast Sample Heating with PID Microprocessor Temperature Control**  
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)

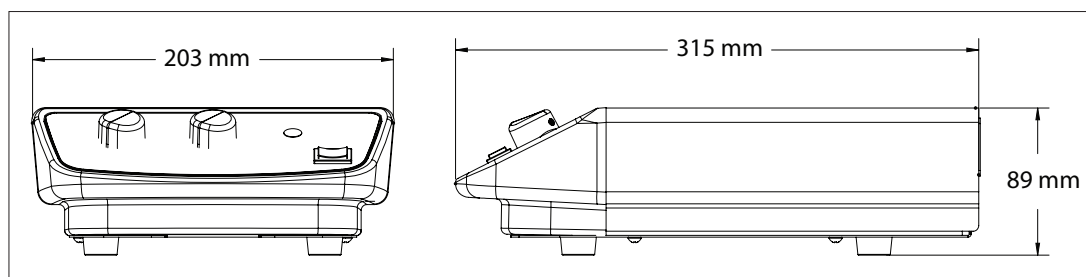
## Compliance

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

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