



# 4 Block Dry Block Heaters



## *Versatile and Dependable Block Heaters Deliver Precise, Reliable Results.*

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 Include:*

- **Delivering Flexibility for High Throughput Sample Processing**  
Designed for flexibility with your applications. The four block capacity allows you to process multiple samples simultaneously with one device.
- **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.

# 4 Block Dry Block Heaters

Model	HB4AL	HB4DG
Control	Non-Digital	Digital
Temperature Range	Low Ambient + 5 °C – 100 °C; High 75 °C – 150 °C	Ambient + 5 °C – 120 °C
Stability @ 37 °C	± 2.5 °C	± 0.2 °C
Uniformity @ 37 °C	± 0.4 °C	± 0.2 °C
Heat Up Time to 100 °C	≤ 23 min	
Temperature Calibration	NA	.
Number of Blocks	4	
Overshoot Protection	NA	10 °C above set point
Working Environment	18 °C – 33 °C, 20% – 80% relative humidity, non-condensing	
Power	230V, 1.35A, 50/60Hz	
Power Consumption	310 W	
Dimensions (W × L × H)	203 × 429 × 89 mm	
Net Weight	3.8 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)

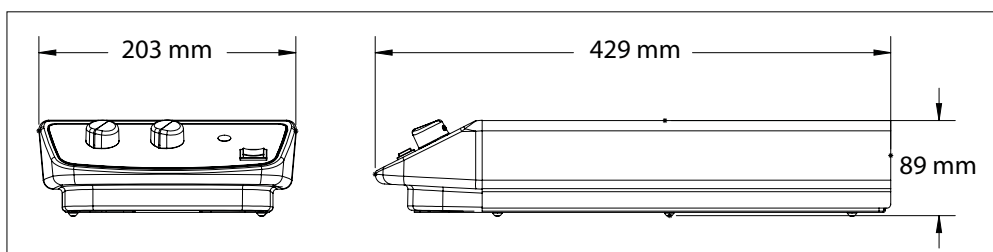
## Compliance

- **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	Module Block 15 mL Conical Centrifuge, 12 Wells	30400172
Module Block 12/13 mm, 20 Wells . . . . .	30400152	Sand Bath, 4 Block Unit . . . . .	30400175
Module Block 15/16 mm, 12 Wells . . . . .	30400153	Sand, 0.5 kg Bag . . . . .	30400177
Module Block 20 mm Test Tube, 8 Wells . . . . .	30400154	Stainless Steel Shot, 0.5 kg . . . . .	30400178
Module Block 25 mm Test Tube, 6 Wells . . . . .	30400155	Cover Low-Temperature 4 Block . . . . .	30400180
Module Block Combo - Test Tube Combination Block:		Module Block For Vials 12 mm, 20 Wells . . . . .	30400182
6 mm, 12/13 mm, 25 mm . . . . .	30400156	Module Block For Vials 15 mm, 20 Wells . . . . .	30400183
Module Block 0.5 mL Microtaper, 30 Wells . . . . .	30400157	Module Block For Vials 17 mm, 12 Wells . . . . .	30400184
Module Block 6 mm Test Tube, 30 Wells . . . . .	30400158	Module Block For Vials 19 mm, 12 Wells . . . . .	30400185
Module Block 1.5 mL Microtaper, 20 Wells . . . . .	30400159	Module Block For Vials 21 mm, 9 Wells . . . . .	30400186
Module Block Solid . . . . .	30400160	Module Block For Vials 23 mm, 8 Wells . . . . .	30400187
Module Block Cuvette - 12 Cuvet, 2 Wells . . . . .	30400161	Module Block For Vials 25 mm, 8 Wells . . . . .	30400188
Module Block 11.5/1.5 mL Microcentrifuge, 20 Wells		Module Block For Vials 28 mm, 6 Wells . . . . .	30400189
. . . . .	30400162	Module Block For Vials 16 mm, 15 Wells . . . . .	30400190
Module Block 250 Microliter/6 mm, 30 Wells . . . . .	30400163	Module Block, 2.0 mL Tube, 20 Wells . . . . .	30400191
Module Block Titer Plate . . . . .	30400164	Module Block, 2.0 mL Corning Tube, 20 Wells . . . . .	30400192
Module Block 12/13 mm, 16 Wells . . . . .	30400165	Module Block Combo - Centrifuge Tube Configuration:	
Module Block Solid Double . . . . .	30400166	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 0.2 mL 96 Hole Double Block . . . . .	30400171	*NA for HB4AL	

## Dimensions



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

SAP Literature: 30385219

