



4 Block Dry Block Heaters



JOINTLAB
European Laboratory Equipment

www.jointlab.com

www.frigolab.it

Via C. Treves 57, Trezzano sul Naviglio

Milano, Italy

+39.02.39310823

info@jointlab.com



Versatile and Dependable Block Heaters Deliver Precise, Reliable Results

Versatile Dry Block Heaters are ideal for applications that require temperature stability. All units hold 4 optional interchangeable modular blocks 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.

Standard Features Include:

- Designed for flexibility with your applications. The four-block capacity allows you to process multiple samples simultaneously with one device.
- 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.

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

