



2 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. 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
Three models to customize your application. All models offer exceptional temperature uniformity with outstanding temperature stability.
- Heated Lid Model Reduces Condensation on Lids to Maintain Sample Integrity
A second heater in the lid helps minimize condensation to maintain sample integrity, providing reliable, repeatable results. Easily monitor settings with independent displays for temperature and time.
- 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.

2 Block Dry Block Heaters

| Model | HB2AL | HB2DG | HB2DGHL |
|-------------------------------------|--|------------------------------------|---------------------------------------|
| Control | Non-Digital | Digital | Digital |
| Temperature Range | Low Ambient + 5 °C – 100 °C, High 75 °C – 150 °C | Ambient + 5 °C – 120 °C | Ambient + 5 °C – 100 °C |
| Stability @ 37 °C | +/-1.5°C (120V) +/-2°C (230V) | +/-0.1°C (120V) +/-0.2°C (230V) | |
| Uniformity within the block @ 37 °C | +/-0.1°C (120V) +/-0.4°C (230V) | +/-0.1°C (120V) +/-0.2°C (230V) | +/-0.1°C (120V) +/-0.1°C (230V) |
| Heat Up Time to 100 °C | ≤ 16 min | | ≤ 30 min |
| Temperature Calibration | NA | • | |
| Number of Blocks | 2 | | |
| Overshoot Protection | NA | 10 °C above set point | |
| Working Environment | 64 ° F – 91 °F, 20% – 80% relative humidity, non-condensing / 18 °C – 33 °C, 20% – 80% relative humidity, non-condensing | | |
| Power | 120V, 1.75A, 50/60Hz | | 120V, 3A, 50/60Hz |
| Power Consumption | 210 W | | 400 W |
| Dimensions (W × L × H) | 8 × 15.4 × 3.5 in. / 203 × 391 × 89 mm | | 8 × 15.4 × 7 in. / 203 × 391 × 178 mm |
| Net Weight | 6.2 lb / 2.8 kg | | 6.8 lb / 3.1 kg |

Other Standard Features and Equipment

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

Compliance

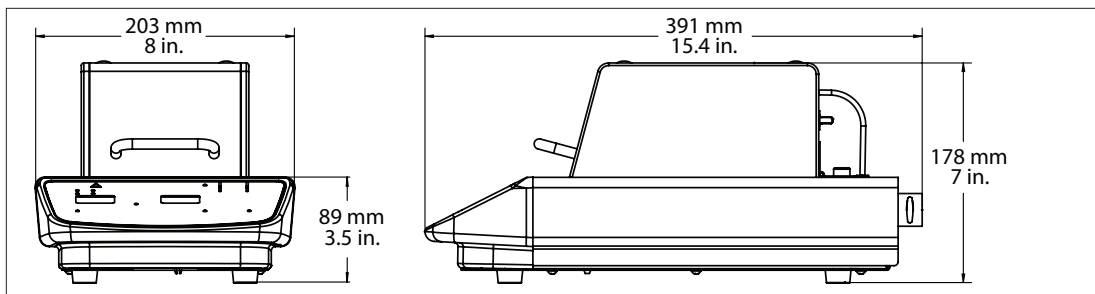
- Product Safety: CAN/CSA C22.2 61010-1, CAN/CSA C22.2 61010-2-010, CAN/CSA C22.2 61010-2-051, UL 61010-1
- Electromagnetic Compatibility: ICES-003 Class A, FCC Part 15 Class A
- Compliance Marks: TÜV SÜD

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, 2 Block Unit..... | 30400174 |
| Module Block 15/16 mm, 12 Wells..... | 30400153 | Sand, 0.5 kg (1 lb) Bag..... | 30400177 |
| Module Block 20 mm Test Tube, 8 Wells..... | 30400154 | Stainless Steel Shot, 0.5 kg (lb)..... | 30400178 |
| Module Block 25 mm Test Tube, 6 Wells..... | 30400155 | Cover Low-Temperature 2 Block*..... | 30400179 |
| Module Block Combo - Test Tube Combination Block: 6 mm, 12/13 mm, 25 mm..... | 30400156 | Module Block For Vials 12 mm, 20 Wells..... | 30400182 |
| Module Block 0.5 mL Microtaper, 30 Wells..... | 30400157 | Module Block For Vials 15 mm, 20 Wells..... | 30400183 |
| Module Block 6 mm Test Tube, 30 Wells..... | 30400158 | Module Block For Vials 17 mm, 12 Wells..... | 30400184 |
| Module Block 1.5 mL Microtaper, 20 Wells..... | 30400159 | Module Block For Vials 19 mm, 12 Wells..... | 30400185 |
| Module Block Solid..... | 30400160 | Module Block For Vials 21 mm, 9 Wells..... | 30400186 |
| Module Block Cuvette - 12 Cuvet, 2 Wells..... | 30400161 | Module Block For Vials 23 mm, 8 Wells..... | 30400187 |
| Module Block 11.5/1.5 mL Microcentrifuge, 20 Wells | 30400162 | Module Block For Vials 25 mm, 8 Wells..... | 30400188 |
| Module Block 250 Microliter/6 mm, 30 Wells..... | 30400163 | Module Block For Vials 28 mm, 6 Wells..... | 30400189 |
| Module Block Titer Plate..... | 30400164 | Module Block For Vials 16 mm, 15 Wells..... | 30400190 |
| Module Block 12/13 mm, 16 Wells..... | 30400165 | Module Block, 2.0 mL Tube, 20 Wells..... | 30400191 |
| Module Block Solid Double..... | 30400166 | Module Block, 2.0 mL Corning Tube, 20 Wells..... | 30400192 |
| Module Block 35 mm Test Tube, 4 Wells..... | 30400167 | Module Block Combo - Centrifuge Tube Configuration: 50 mL-2 Wells, 15 mL-3 Wells, 1.5 mL-4 Wells..... | 30400193 |
| Module Block 50 mL Conical Centrifuge, 5 Wells..... | 30400168 | Module Block Combo - Micro Tube Combination: 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 HB2DGHL **NA for HB2AL

Dimensions



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

