

Thermo Scientific* Dry Block Heaters



Thermo Scientific analog and digital dry baths offer precise temperature control resolution and a much smaller footprint than a general purpose incubator and can be used at temperatures up to 130°C.

These analog and digital dry block heaters feature a built-in temperature-sensing probe for improved temperature accuracy and control. Compact design saves valuable bench space. The anodized aluminum modular blocks accommodate test tubes, square cuvettes, microcentrifuge tubes, 96-well plates, PCR plates and conical bottom centrifuge tubes. Dry block heaters hold 1, 2, 3, 4, and 6 interchangeable modular blocks to accommodate a variety of vessels.

- Number of block configurations meet the needs of virtually any application
- Compact design is ideal for tight space locations
- Digital units utilize a PID microprocessor controller with digital temperature set and easy-to-read LED display for accurate and reproducible temperature control
- Analog units feature bimetallic dual thermostat control
- Powder-coated steel body construction ensures durability
- Chemically resistant design meets the needs the laboratory environment

Analog Units

- deal for fixed temperature applications
- Temperature control at 37°C: ±3.5°C, with uniformity of ±0.5°C
- Dual temperature control for precise control over two ranges: low range slightly above ambient to 60°C, high range 50° to 130°C
- Read thermometer and adjust knob controller to desired setpoint

Digital Units

- Temperature control at 37°C: ±0.5°C, with uniformity of ±0.4°C
- Setpoint easily adjusted via up and down arrow keys on front of unit
- Modular block mounts on a single temperature probe in Dry Block Heater bottom, for optimum temperature accuracy and control

Warranty: 90 days on labor and one year on parts

Certifications: CE marked, CSA approved

Specifications	
Temperature Range	Ambient +5° to 130°C
Hertz	50/60

Cat. No.	No. of Blocks Accommodated	Temperature Control Resolution	Temperature Uniformity	Overall L x W x H	Amperage	Watts	Shipping Weight
Digital Models							
2000Q	1	±0.5° at 37°C	±0.4° at 37°C	28.4 × 22.1 × 9cm (11.2 × 8.7 × 3.6in.)	0.83A	100w	2kg (5 lb.)
2000-1CEQ	1	±0.5° at 37°C	±0.4° at 37°C	28.4 × 22.1 × 9cm (11.2 × 8.7 × 3.6in.)	0.42A	100w	2kg (5 lb.)
2001Q	2	±0.5° at 37°C	±0.4° at 37°C	36 × 22.1 × 9cm (14.2 × 8.7 × 3.6in.)	1.25A	150w	3kg (6 lb.)
2001-1CEQ	2	±0.5° at 37°C	±0.4° at 37°C	36 × 22.1 × 9cm (14.2 × 8.7 × 3.6in.)	0.63A	150w	3kg (6 lb.)
2002Q	3	±0.5° at 37°C	±0.4° at 37°C	30.4 × 27.4 × 9cm (12 × 10.8 × 3.6in.)	1.67A	200w	4kg (8 lb.)
2002-1CEQ	3	±0.5° at 37°C	±0.4° at 37°C	30.4 × 27.4 × 9cm (12 × 10.8 × 3.6in.)	0.80A	200w	4kg (8 lb.)
2003Q	4	±0.5° at 37°C	±0.4° at 37°C	35.5 × 27.4 9cm (14.1 × 10.8 × 3.6in.)	2.5A	300w	4kg (8 lb.)
2003-1CEQ	4	±0.5° at 37°C	±0.4° at 37°C	35.5 × 27.4 9cm (14.1 × 10.8 × 3.6in.)	1.25A	300w	4kg (8 lb.)
2004Q	6	±0.5° at 37°C	±0.4° at 37°C	43 × 27.4 × 9cm (17 × 10.8 × 3.6in.)	3.33A	400w	5kg (10 lb.)
2004-1CEQ	6	±0.5° at 37°C	±0.4° at 37°C	43 × 27.4 × 9cm (17 × 10.8 × 3.6in.)	1.67A	400w	5kg (10 lb.)
Analog Models							
2050Q	1	±3.5° at 37°C	±0.5° at 37°C	19 × 16 × 9cm (7.6 × 6.2 × 3.4in.)	0.83A	100w	2kg (5 lb.)
2050-1CEQ	1	±3.5° at 37°C	±0.5° at 37°C	19 × 16 × 9cm (7.6 × 6.2 × 3.4in.)	0.42A	100w	2kg (5 lb.)
2052Q	2	±3.5° at 37°C	±0.5° at 37°C	22 × 21 × 9cm (8.6 × 8.4 × 3.4in.)	1.25A	150w	3kg (6 lb.)
2052-1CEQ	2	±3.5° at 37°C	±0.5° at 37°C	22 × 21 × 9cm (8.6 × 8.4 × 3.4in.)	0.63A	150w	3kg (6 lb.)
2053Q	3	±3.5° at 37°C	±0.5° at 37°C	23 × 29 × 9cm (9.1 × 11.25 × 3.4in.)	1.67A	200w	4kg (8 lb.)
2053-1CEQ	3	±3.5° at 37°C	±0.5° at 37°C	23 × 29 × 9cm (9.1 × 11.25 × 3.4in.)	0.83A	200w	4kg (8 lb.)

Maximizing Productivity for Every Lab, Every Day

Cat. No.	No. of Blocks Accommodated	Temperature Control Resolution	Temperature Uniformity	Overall L x W x H	Amperage	Watts	Shipping Weight
2054Q	4	±3.5° at 37°C	±0.5° at 37°C	31 × 21 × 9cm (12.4 × 8.3 × 3.4in.)	2.5A	300w	4kg (8 lb.)
2054-1CEQ	4	±3.5° at 37°C	±0.5° at 37°C	31 × 21 × 9cm (12.4 × 8.3 × 3.4in.)	1.25A	300w	4kg (8 lb.)
2056Q	6	±3.5° at 37°C	±0.5° at 37°C	33 × 29 × 9cm (12.9 × 11.25 × 3.4in.)	3.3A	400w	5kg (10 lb.)
2056-1CEQ	6	±3.5° at 37°C	±0.5° at 37°C	33 × 29 × 9cm (12.9 × 11.25 × 3.4in.)	1.67A	400w	5kg (10 lb.)

Thermo Scientific* Modular Block Accessories



Thermo Scientific modular block accessories include a wide variety of blocks for Thermo Scientific modular dry baths.

These blocks are made of anodized aluminum for the greatest heat transfer and retention.

- For use with the digital 2000 series and analog 2050 series modular block dry baths
- Designed to provide close contact of tubes to block walls for excellent heat transfer
- Block W x H x D: 9.5 x 5.1 x 7.4cm (3.75 x 2 x 2.9in.)

Includes: Thermometer well for monitoring block temperatures; block puller for safe, easy block removal

Cat. No.	Type	No. of Wells	Tube Diameter	For Use with
Blocks				
2070Q	Test Tubes; 6mm	30	0.79cm (0.31in.)	Digital 2000 series; Analog 2050 series
2071Q	Test Tubes; 10mm	24	1.02cm (0.4in.)	Digital 2000 series; Analog 2050 series
2072Q	Test Tubes; 12 to 13mm	22	1.35cm (0.53in.)	Digital 2000 series; Analog 2050 series
2073Q	Test Tubes; 15 to 16mm	12	1.73cm (0.68in.)	Digital 2000 series; Analog 2050 series
2081Q	Test Tubes; 17 to 18mm	12	1.9cm (0.75in.)	Digital 2000 series; Analog 2050 series
2074Q	Test Tubes; 20mm	8	2.06cm (0.81in.)	Digital 2000 series; Analog 2050 series
2075Q	Test Tubes; 25mm	6	2.62cm (1.03in.)	Digital 2000 series; Analog 2050 series
2076Q	Test Tubes Combination; Three 25mm, five 12 to 13mm, six 6mm	14	2.62cm (1.03in.); 1.35cm (0.53in.); 0.79cm (0.31in.)	Digital 2000 series; Analog 2050 series
BKX40LLQ	Centrifuge Tube Block; 15mL	12	16mm	Digital 2000 series; Analog 2050 series
BKX43LLQ	Centrifuge Tube Block; 50mL	4	30mm	Digital 2000 series; Analog 2050 series
2059Q	Microcentrifuge; 0.2mL	79	0.61cm (0.24in.) taper	Digital 2000 series; Analog 2050 series
2068Q	Microcentrifuge; 0.5mL	30	0.74cm (0.29in.) taper	Digital 2000 series; Analog 2050 series
2069Q	Microcentrifuge; 1.5mL	20	1.04cm (0.44in.) taper	Digital 2000 series; Analog 2050 series
2058Q	Microcentrifuge Combination; Thirty 0.5mL; Nineteen 0.2mL	49	0.74cm (0.29in.) taper; 0.61cm (0.24in.) taper	Digital 2000 series; Analog 2050 series
2078Q	Specialty; Solid block for customization	n/a	n/a	Digital 2000 series; Analog 2050 series
2083Q	Specialty; PCR Block (size of 2 blocks)	n/a	n/a	Digital 2000 series; Analog 2050 series
Titer Plates				
2064Q	Titer Plate; Direct contact; Size of two blocks	1	n/a	Digital 2000 series; Analog 2050 series
2065Q	Titer Plate; Size of two blocks	1	n/a	Digital 2000 series; Analog 2050 series
2085	Titer Plate; Stainless-steel cover	n/a	n/a	Models 2064Q and 2065Q
Cuvette				
2066Q	Cuvette; 12.5mm	12	n/a	Digital 2000 series; Analog 2050 series



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