

Cole-Parmer®

Cole-Parmer® Analogue Block Heaters - BH-250-2, BH-250-3

- Small, light, compact footprint - flat top surface allows units to be stacked in storage
- Can hold any combination of aluminium insert blocks, depending on the model chosen
- High quality, precision-engineered aluminium blocks provide excellent thermal contact
- Versatile range of interchangeable heating blocks to fit all popular sample tubes and plates



BH-250-2
Block Heater



BH-250-3
Block Heater

Cole-Parmer® Analogue Heaters

- BH-250-2, BH-250-3



BH-250-2
Block Heater



BH-250-3
Block Heater

Cole-Parmer® block heaters have been providing a safe, dry, constant temperature source in the laboratory for 50 years, offering market-leading choice, flexibility and specification. Block heaters are a source of precision temperature control for general, routine applications and sensitive analytical procedures particularly suited to microbiology and clinical laboratories. They are designed for precise heating of test-tubes, microcentrifuge tubes, cuvettes and microtitre plates. Cole-Parmer® block heaters cover the temperature range from ambient +5°C to 100°C or 200°C (depending on model) using machined aluminium alloy block inserts as the heat transfer medium. Independent indicator lights indicate mains power, heater action and over-temperature cut-out. An On/Off switch is mounted on the rear panel, together with the mains connector and a fuse holder.

BH-250-2

- Small, light and stackable with a compact footprint
- Can hold up to 2 aluminium insert blocks or one 96-well plate block
- Temperature setting is by a calibrated dial
- Temperature range from ambient to 100°C
- Fast heat-up rate: 30°C to 100°C in just 12 minutes
- Temperature stability at 40°C: $\pm 0.05^\circ\text{C}$

BH-250-3

- The BH-250-3 is designed to hold up to 3 aluminium insert blocks or one 96-well plate block
- Temperature setting is by a calibrated dial
- Temperature range from ambient to 100°C
- Fast heat-up rate: 30°C to 100°C in just 18 minutes
- Temperature stability at 40°C: $\pm 0.05^\circ\text{C}$

Technical Specification

Specification	BH-250-2	BH-250-3
Blocks	2	3
Temperature Setting	Rotary dial	Rotary dial
Working range	Ambient +5°C to 100°C	Ambient +5°C to 100°C
Temperature Scale	2°C graduation	2°C graduation
Set point accuracy	±2°C	±2°C
Stability @ 40°C	±0.05°C	±0.05°C
Stability @ 100°C	±0.1°C	±0.1°C
Max variation between blocks	0.2°C at 40°C	0.2°C at 40°C
Heat up 30-37°C	8 minutes	8 minutes
Heat up 30-56°C	12 minutes	18 minutes
Size (w x d x h)	202 x 260 x 105mm	202 x 260 x 105mm
Electrical supply	230V or 115V 50-60Hz	230V or 115V 50-60Hz
Power	300W	450W
Shipping weight	4kg	6kg
Warranty	3 years	3 years

Electrical Safety

The block heater range has been designed to comply with all RF interference and electrical safety regulations.

Warranty

Cole-Parmer® block heaters have earned a strong reputation for reliability. All instruments are supplied with a 3 year warranty. The anodised aluminium block heater inserts are supplied with a 1 year warranty.

Applications

Applications include incubation, boiling, inactivation, wet washing, sample concentration, enzyme digestions, enzyme activity studies, nucleic acid hybridisations and many other clinical and industrial purposes. Analogue Cole-Parmer® block heaters are often used in the Cole-Parmer® sample concentrator.

Ordering Information

Description	Ordering Number	Series No.	Model No.	Legacy Sku.
Cole-Parmer® analogue block heater 2 block	36620-12	BH-250	BH-250-2	FDB02AD
Cole-Parmer® analogue block heater 2 block	36620-13	BH-250	BH-250-2-115	FDB02AP
Cole-Parmer® analogue block heater 3 block (230V)	99965-81	BH-250	BH-250-3	FDB030D
Cole-Parmer® analogue block heater 3 block (115V)	99968-82	BH-250	BH-250-3-115	FDB030P
Cole-Parmer® analogue block heater 3 block 200° (230V)	36620-14	BH-250	BH-250-3-HT	FDB03AD
Cole-Parmer® analogue block heater 3 block 200° (115V)	36620-15	BH-250	BH-250-3-HT-115	FDB03AP

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