

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



WolfLabs

Pricing on any accessories shown can be found by keying the part number into the search box on our website.

The specifications listed in this brochure are subject to change by the manufacturer and therefore cannot be guaranteed to be correct. If there are aspects of the specification that must be guaranteed, please provide these to our sales team so that details can be confirmed.

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Please contact us if this literature doesn't answer all your questions.