



Heater, block, QBH series



- Ambient +5°C to 200°C operation
- Stability $\pm 0.1^\circ\text{C}$, uniformity $\pm 0.1^\circ\text{C}$
- Precisely controlled conditions for temperature sensitive applications
- Easy interactive user interface based on a novel, sensitive rotor plus two keys and a digital display, for fast, accurate, intuitive set-up
- Digital setting and display to ensure accuracy and reproducibility of set temperature, for precise repeatability of procedures; setting resolution 0.1°C
- Reaction timer with buzzer ensures an accurate count-down from 1 to 72hr for time-sensitive incubations
- Function timer allows a delayed heater start-up or switch-off to be programmed, up to 72hr
- Off-set adjustment for optimum accuracy at the required operating temperature
- Two-point user recalibration of internal and external probes
- Socket for external Pt-1000 temperature probe, allows in-block temperature control
- Extraction tool included as standard, for easy and safe block removal - even when hot and loaded with tubes
- Front-panel, programming interface allowing set-up of three temperature/time segments, plus an end-of program segment for control of indefinite hold temperature

Safety features

- Over-temperature protection by adjustable over-temperature cut-out, backed up by thermal fuse
- Variable high and low temperature alarms settable to within 0.5°C of set temperature for protection of valuable samples
- Fault indication display
- Visual alarm

Technical Specification

Temperature range, $^\circ\text{C}$	Ambient +5 to 200
Temperature setting range, $^\circ\text{C}$	15 to 200
Stability, $^\circ\text{C}$	± 0.1 (at 37°C)
Uniformity, $^\circ\text{C}$	± 0.1 (within the block at 37°C) ± 0.2 (across similar blocks at 37°C)
Heating time, min	15 (25°C to 100°C)
Temperature setting	LED
Resolution, $^\circ\text{C}$	0.1 (display)
Heater power, W	300
Dimensions [w x d x h], mm	200 x 280 x 100
Electrical supply	120-230V, 50/60Hz

Catalogue No	Legacy No	Alt. No	Description
11490958	-	QBH2	Block heater

Interchangeable blocks

Catalogue No	Legacy No	Alt. No	Type / tube diameter	Holes per block
11490908	-	QB-0	Plain block	-
11400918	-	QB-10	10mm	24
11410918	-	QB-12	12mm	24
11420918	-	QB-13	13mm	12
11430918	-	QB-16	16mm	12
11440918	-	QB-18	18mm	12
11450918	-	QB-24	24mm and universal bottles	5
12749028	-	QB-50	50mL non-skirted centrifuge tubes and glass universals	4
11470918	-	QB-H	0.2mL microtubes, strips	56
11480918	-	QB-E0	0.5mL microcentrifuge	24
11490918	-	QB-E1	1.5mL microcentrifuge	24
11400928	-	QB-E2	2.0mL microcentrifuge	24
11400968	-	QDP-FL	For 96 well microtitre plates for QBA2, QBD2 and QBH2	-
11410968	-	QDP-H	For 0.2mL tubes, strips, 96 well plates for use with QBA2, QBD2 and QBH2	96

Accessories

Catalogue No	Legacy No	Alt. No	Description
11450968	-	QBL2	Cover for QBA2, QBD2 and QBH2
11420968	-	QBEP	External probe for QBA2, QBD2 and QBH2