



Heaters, block, digital, QBD series

57

Grant

3 yr

- Digital setting and display to ensure accuracy and reproducibility of set temperature, for precise repeatability of procedures; setting resolution 0.1°C
- Ambient +5°C to 130°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
- Reaction timer with buzzer from 1min 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
- Safety features:
 - Overtemperature protection 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
- Socket for external Pt-1000 temperature probe. Extraction tool included as standard, for easy and safe block removal - even when hot and loaded with tubes
- Robust construction in streamlined cool wall aluminium and chemical resistant plastic

Technical Specification - Specific

	BLD-560-010R	BLD-560-020X	BLD-560-030L
Dimensions [w x d x h], mm	200 x 230 x 100	200 x 280 x 100	200 x 380 x 600
Heater power, W	150	300	600

Technical Specification - General

Temperature range, °C	Ambient +5 to 130
Temperature setting range, °C	15 to 130
Stability, °C	± 0.1 (at 37°C)
Uniformity, °C	± 0.1 (within the block at 37°C), ± 0.2 (across similar blocks at 37°C)
Heating time, min	15 (25 to 100°C)
Temperature display type	LED
Resolution, °C	0.1
Safety features	Over-temperature thermal fuse
Electrical supply	120V or 230V 50/60Hz

Catalogue No	Alt. No		No. of blocks
BLD-560-010R	QBD1		1
BLD-560-020X	QBD2		2
BLD-560-030L	QBD4		4

Interchangeable blocks

Catalogue No	Alt. No	Tube type	Holes per block
BLD-830-505K	QB-0	Plain block	-
BLD-830-510R	QB-10	10mm	24
BLD-830-515H	QB-12	12mm	24
BLD-830-550F	QB-13	13mm	12
BLD-830-520X	QB-16	16mm	12
BLD-830-525E	QB-18	18mm	12
BLD-830-530L	QB-24	24mm and disposable universal bottles	5
BLD-830-555S	QB-50	Tubes and glass universals	4
BLD-830-535B	QB-E0	0.5mL microcentrifuge	24
BLD-830-540Y	QB-E1	1.5mL microcentrifuge	24
BLD-830-545V	QB-E2	2.0mL microcentrifuge	24
BLD-830-565P	QB-H	0.2mL microtubes, strips	56
BLD-830-570W	QDP-FL	96 well plate suitable for 2-block heaters only	-
BLD-830-575M	QDP-H	0.2mL suitable for 2-block heaters only	96

Covers

Catalogue No	Alt. No	Description
BLD-550-510E	QBL1	Cover for BLD-550-010B and BLD-560-010R
BLD-550-512A	QBL2	Cover for BLD-550-020V, BLD-560-020X and BLD-570-010K
BLD-560-504P	QB-L4	Cover for BLD-560-030L