

QBA analogue 1 or 2 blocks

3

year warranty

- GREAT VALUE** › Economy model with analogue controls
- HIGH QUALITY** › 3 year warranty. UK design and manufacture
- CONVENIENT** › Small footprint, simple to use
- SAFE** › Optional safety cover for sample and user protection



QBD & QBH digital 1, 2 or 4 blocks

3

year warranty

- PRECISE** › Digital temperature control - up to 130°C on the QBD range, up to 200°C on the QBH heater
- VERSATILE** › Interchangeable blocks (1, 2 or 4) on the QBD, 2 blocks on the QBH
- CONVENIENT** › High/low temperature alarms, single and dual point calibration, programmed start/stop, 'offset' for known sample temperature variation and choice of external or internal probes, LED display, timer with buzzer
- PERFORMANCE** › High power heater for fast heat-up - from 25°C to 100°C in only 15 minutes
- HIGH QUALITY** › 3 year warranty. UK design and manufacture









Applications

- General use - incubating samples at set temperatures, heating block for boiling of solutions in tubes
- Life-science – cell digestion, DNA/RNA extraction, post sequencing PCR clean-up - dry down step, boiling in vitro DNA/RNA/protein samples, incubating in vitro reactions/digestions, extraction of DNA for real-time PCR analysis, denaturing nucleic acid and protein samples
- Industrial - digestion of environmental samples for chemical oxygen demand analysis, soil digests, maintaining temperatures
- Biopharm - conductivity testing
- Clinical - acylcarnitines derivatisation, MRSA and PBP2 latex testing, heating flush/media used in egg recovery / fertility to keep test tubes at correct temperature during egg collection

Ideal for life-science, industry, biopharm and clinical applications

Specifications



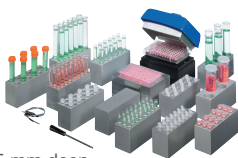
	QBD1	QBD2	QBD4	QBH2	QBA1	QBA2
						
	2 kg l: 230 mm w: 200 mm h: 100 mm	2.5 kg l: 280 mm w: 200 mm h: 100 mm	4 kg l: 380 mm w: 200 mm h: 100 mm	2.5 kg l: 280 mm w: 200 mm h: 100 mm	2 kg l: 230 mm w: 200 mm h: 100 mm	3 kg l: 280 mm w: 200 mm h: 100 mm
Number of blocks	1	2	4	2	1	2
Temperature range	ambient +5 to 130°C			ambient +5 to 200°C	ambient +5 to 100°C	
Temperature setting range / setting resolution	15 to 130°C 0.1°C			15 to 200°C 0.1°C	0 to 100°C 2°C	
Stability (@ 37°C)	±0.1°C				±1.0°C	
Uniformity (@ 37°C) within the block across similar block	±0.1°C ±0.2°C				±1.0°C ±1.0°C	
Heat up time 25°C to 100°C	15 mins				25 mins	
Programmable time/temperature	-			● (3)	-	
Fault indication display / delay start or switch off	●			●	-	
2 point calibration / offset	●			●	-	
Power	150W	300W	600W	300W	150W	300W
Supply voltage (V)	120 or 230 (50-60Hz)					

Accessories (full range available on website)

Blocks

Interchangeable blocks for dry block heating systems (block size 140 x 50 x 63 mm)

- QB-0 Plain block without holes
 - QB-10 24 x 10 mm Ø holes, 50 mm hole depth
 - QB-12 24 x 12 mm Ø holes, 50 mm hole depth
 - QB-13 12 x 13 mm Ø holes, 50 mm hole depth
 - QB-16 12 x 16 mm Ø holes, 50 mm hole depth
 - QB-17H extra deep block, for 12 x 17 mm Ø holes, 75 mm deep
 - QB-18 12 x 18 mm Ø holes, 50 mm hole depth
 - QB-24 5 x 24 mm Ø holes and universal bottles, 50 mm hole depth
 - QB-50 4 x 50 ml centrifuge tubes, glass universals, 50 mm hole depth
 - QB-H 56 x 0.2 ml microtube, 14 mm hole depth
 - QB-E0 24 x 0.5 ml microtube, 30 mm hole depth
 - QB-E1 24 x 1.5 ml microtube, 35 mm hole depth
 - QB-E2 24 x 2.0 ml microtube, 35 mm hole depth
 - QB-E5 for 12 x 5.0 ml microtube, 53.5 mm hole depth
 - QB-DN Dolphin nose tube 24 x 11.13 mm to 6.1 mm diameter
- Custom blocks available, please enquire



Safety covers

(not required with QDP-FL microtitre blocks)
Made from tough clear acrylic for maximum visibility whilst preventing accidental touching of a hot block or contamination of samples from splashes.
Clearance height 85 mm.



Microplate blocks

QDP-H block for 96 holes in microplate configuration for 0.2 ml microplates, strips or individual tubes.
QDP-FL universal block for 96-well plates (u-well, v-well, flat bottom, high temperature)



Need higher temperatures?



BT5D high temperature block heater ambient +10 to 400°C

- Stability ±0.5°C, uniformity 1%
- Timed or continuous operation
- Choice of models for 16 or 26 mm tubes
- Robust, accurate and safe
- Ideal for veterinary, chemical laboratories and technology and research
- Custom sizes available, please enquire

Call us:

+ 44 (0) 1763 260 811

Email:

salesdesk@grantinstruments.com

Further product information:

