

Baths

Block Thermostats

Grant

IN THE LABORATORY

For controlled, dry heating of test tubes, microplates and Eppendorf tubes in aluminium blocks.

◆ Choice of models:

- QBD; range ambient +5°C to +130°C, with a novel interactive control interface using a dial rotor and two keys with a bright LED display, reaction timer from 1 to 4320 minutes, delayed start-up or switch-off function, offset adjustment to optimise accuracy, adjustable high temperature alarm, fault indication and alarm, socket for an accessory external Pt1000 temperature probe and thermal fuse overtemperature protection
- QBH; range ambient +5°C to +200°C, with all the features of the QBD series and two-point calibration of internal (or accessory external) temperature probes, front panel programming interface allowing set-up of up to three temperature/time segments plus an end-of-programme segment for control of audible alert and 'rest' temperature, and additional overtemperature protection by adjustable thermal cut-out

Model		QBD1	QBD2	QBD4	QBH2
Control		Digital	Digital	Digital	Digital
Range (resolution)	°C	Ambient +5 to 130 (0.1) — all models			Ambient +5 to 200 (0.1)
Stability (at 37°C)	±°C	0.1	0.1	0.1	0.1
Uniformity (at 37°C)	±°C				
	within block	0.1	0.1	0.1	0.1
	across similar blocks	0.2	0.2	0.2	0.2
Blocks accepted		1	2	4	2
Overall	L mm	230	280	380	280
	W mm	200	200	200	200
	H mm	100	100	100	100
Power	W	150	300	600	300
Supply		230V 50/60Hz single phase supply — all models			

As described. Supplied with block extraction tool. Requires, but do not include, interchangeable QB-series blocks.

- BK205-20** QBD1
- BK205-30** QBD2
- BK205-40** QBD4
- BK205-70** QBH2

Accessory covers

Clear polycarbonate. Protect the operator against accidentally touching blocks whilst hot.

- BK206-72** QBL1, for QBD1 only
- BK206-74** QBL2, for QBD2 and QBH2 only
- BK206-76** QBL4, for QBD4 only

External Pt1000 Probe UBEP

Allows in-block temperature of QBD/QBH series to be monitored and controlled directly.

- BK206-97** QBEP probe

Blocks, QB-series

Interchangeable. Machined aluminium, 140 x 50 x 62.5mm (L x W x H). Holes drilled as indicated.

	Ref.	No.	Dia. x depth, mm
BK217-03	QB-10	24	10 x 50
BK217-06	QB-12	24	12 x 50
BK217-07	QB-13	12	12 x 50
BK217-09	QB-16	12	16 x 50
BK217-12	QB-18	12	18 x 50
BK217-15	QB-24	5	24 x 50
BK217-16	QB-H	56 x 0.2ml centrifuge tubes	
BK217-18	QB-E0	24 x 0.5ml Eppendorf tubes	
BK217-21	QB-E1	24 x 1.5ml Eppendorf tubes	
BK217-23	QB-E2	24 x 2.0ml Eppendorf tubes	
BK217-24	QB-0	Solid for user to drill	
BK217-40	QB-50	4 x 50ml non-skirted centrifuge tubes	

Blocks for microtitration plates and PCR tubes - see MN663 on page 363.



BK205-40 in use with BK206-76, BK205-20 to BK205-40 are similar



BK217 in use