

## Digital block heater, BTD Grant



Compact digital block heater with fixed circular block. Unit features digital control, two line display allowing simple and accurate setting of temperature and time, plus display of current status while in operation. The aluminium block is housed in durable and easy to clean, chemically resistant plastic. Unit has a 0.1 °C display resolution.



- Operating temperature range is ambient +5 to 100 °C
- Block accommodates up to 49 samples simultaneously: 24×1.5/2.0 ml, 15×0.5 ml and 10×0.2 ml microtubes
- Timer with audible alarm, for operation from 1 min to 96 h
- Powerful heater for fast heat up, 25 to 100 °C in just 16 min
- Over-temperature thermal fuse

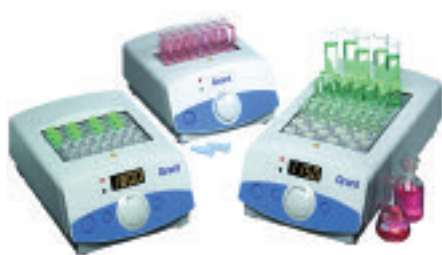
Temperature uniformity at 37 °C is ±0.2 °C.

Type	Blocks	Temp. range (°C)	Temp. stability (°C)	Heating capacity (kW)	W×D×H (mm)	Weight (kg)	Pk	Cat. No.
BTD, UK-plug	1	RT* +5...100	±0.1	0.2	210×230×110	2.5	1	460-0069

\* RT = Ambient

Note: Temp. stability value shown above is at 37 °C.

## Digital block heaters, QBD and QBH Grant



Compact digital block heaters with choice of models for 1, 2 or 4 interchangeable blocks. Units feature an LED temperature display, easy to use interactive user interface for fast and accurate set up. Variable high and low temperature alarms can be set to within 0.5 °C of the set point. Heaters are made from cool wall aluminium and chemically resistant plastic, have a low profile, a sloping fascia for ease of use, off-set adjustment for high accuracy operating temperatures and 0.1 °C display resolution.



- QBD models have operating range of ambient +5 to 130 °C, QBH has an upper temperature of 200 °C
- Function timer and reaction timer with audible alarm, for operation from 1 min to 72 h
- Two-point user recalibration of internal and external probes is possible
- Temperature stability and uniformity at 37 °C is ±0.1 °C within the block and ±0.2 °C across different blocks
- Over-temperature thermal fuse

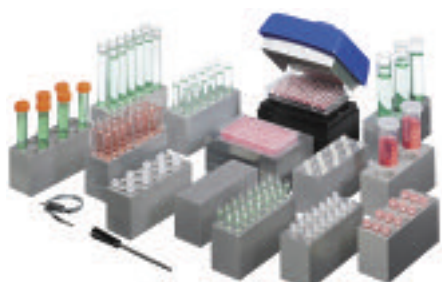
**Delivery information:** Supplied with block extraction tool. External PT1000 probe enabling in-sample or in-block temperature control is available as an accessory. Blocks must be ordered separately.

Type	Blocks	Temp. range (°C)	Temp. stability (°C)	Heating capacity (kW)	W×D×H (mm)	Weight (kg)	Pk	Cat. No.
QBD1, UK-plug	1	RT* +5...130	±0.1	0.15	200×230×100	2.5	1	460-0075
QBD2, UK-plug	2	RT* +5...130	±0.1	0.3	200×280×100	3	1	460-0077
QBD4, UK-plug	4	RT* +5...130	±0.1	0.6	200×380×100	4	1	460-0079
QBH2, UK-plug	2	RT* +5...200	±0.1	0.3	200×280×100	3	1	460-0081

\* RT = Ambient

Note: Temp. stability value shown above is at 37 °C.

## Interchangeable blocks for Grant block heaters QBA, QBD and QBH Grant



Grant blocks have a depth of 63 mm, ensuring precise temperature control for test tube applications.

Single block W×D×H (mm): 140×50×63

### Double-size interchangeable blocks for QBA2, QBD2 and QBH2 only

Particularly useful in molecular biology and biotechnology fields.

- Suitable for 0.2 ml tubes, strips or microplates
- Can be used with standard/high temperature 96-well microtitre plates

QDP-H blocks (460-0085) for 0.2 ml microplates, strips or individual tubes have 96 holes in microplate configuration. The block accommodates one 96-well plate, 8×12-well or 12×8-well strips or up to 96 individual capped tubes. A snug fit is ensured in the precision drilled wells. Uniformity is ±0.3 °C within tubes across the block.