

Grant-Bio BTD Digital Dry Block Heater for Microtubes



- Digital display
- With circular fixed block
- For 49 samples:
 - 24 x 1.5/2 ml microtubes,
 - 15 x 0.5 ml microtubes,
 - 10 x 0.2 ml microtubes
- Timer programmable from 1 minute to 96 hours
- Fast heat-up from 25 °C to 37 °C in 4 minutes and from 25 °C to 100 °C in 15 minutes
- Safety: IEC61010 compliant

Temperature range (°C)	Ambient +5 °C to 100 °C
Temperature selection (°C)	+25 °C to +100 °C
Stability à 37 °C (°C) / Uniformity (°C)	+/- 0.1 / +/- 0.1
Voltage (V)	220 - 240 V
Dimensions L x D x H (mm)	210 x 230 x 110
Block: ø x depth (mm)	130 x 45
Power (W)	200
Overheating protection	Fuse
Cat. No.	144327
€	N/A -

Grant-Bio QBD Digital Dry Block Heater



- Temperature range ambient +5°C to 130°C, 4-digit display of block temperature
- With rapid heat-up time
- Sold without block: to be completed with one, two or four interchangeable blocks (see page 1389)
- Safety: protection against overheating
- Timer 1 to 999 minutes and delayed start up to 72 hours
- Optional covering lid
- 2 calibration points
- Warranty: 3 years

Model	QBD1	QBD2	QBD4
Block capacity	1	2	4
Temperature range (°C)	Amb. +5 °C to 130 °C	Amb. +5 °C to 130 °C	Amb. +5 °C to 130 °C
Temperature selection (°C)	15 °C to 130 °C	15 °C to 130 °C	15 °C to 130 °C
Stability at 37 °C (°C)	+/- 0.1	+/- 0.1	+/- 0.1
Uniformity in the block (°C)	+/- 0.1	+/- 0.1	+/- 0.1
Inter-block uniformity (°C)	+/- 0.2	+/- 0.2	+/- 0.2
Temp. rise from 25 °C to 100 °C	20 minutes	20 minutes	20 minutes
Display resolution (°C)	0.1	0.1	0.1
Dimensions L x D x H (mm)	200 x 230 x 100	200 x 280 x 100	200 x 380 x 100
Power QBD1 / 2 / 4 (W)	150	300	600
Cat. No.	144331	144332	144333
€	N/A -	N/A -	N/A -

Grant-Bio QBH2 Digital Dry Block Heater for molecular biology



- Designed specifically for molecular biology applications
- Compact design, takes up little bench space
- Operates from 5 °C above ambient temperature to 200 °C
- Timer 1 to 999 minutes and delayed start up to 72 hours
- 2 calibration points
- Warranty: 3 years

- Sold without blocks: to be completed with interchangeable blocks (see page 1389):
 - 144315 for 0.2 ml, strips or microplates;
 - 144316 0.5 ml microtubes;
 - 144317 1.5 ml microtubes.

Model	QBH2
Temperature range (°C)	Ambient +5 °C to 200 °C
Working selection (°C)	15 °C to 200 °C
Stability at 37 °C (°C)	+/- 0.1
Uniformity in the block (°C)	+/- 0.1
Inter-block uniformity (°C)	+/- 0.2
Temperature rise from ambient to maximum	15 minutes
Display resolution (°C)	0.1
Dimensions L x D x H (mm)	200 x 280 x 100
Power (W)	300
Cat. No.	144334
€	N/A -

Polycarbonate safety covers

Cover 144337 on heating block 144333



- Excellent transparency: very good visibility
- Protection against accidents (splashes, hot blocks)
- Suitable for QBD and QBH2 models

Cat. No.	Description	€
144335	Cover for QBD1	N/A -
144336	Cover for QBD2 and QBH2	N/A -
144337	Cover for QBD4	N/A -

External temperature sensor

Temperature control of the block or sample.
Stainless steel rod size 3 x 30 mm. 35 cm of cable.

Cat. No.	Description	€
144338	External temperature sensor	N/A -