

ThermoCell Dry Heating and Cooling Bath

Model	Heating	Heating and cooling
Temperature range	Amb. T° +5 °C to 100 °C	Amb. T° - 10 °C to 105 °C
Timer	1 min. to 99 h 59 min.	
Temperature rise	12 min.	≤ 35 min. (from 20 °C to 100 °C)
Cooling speed	-	≤ 25 min. (from 20 °C to 0 °C)
Weight (kg)	2.8	3.3
Dimensions (L x W x H)	300 x 200 x 150 mm	
Power	220V - 50 Hz - 120 W	
Cat. No.	865072	865001
€	N/A -	N/A -

- Programmable, up to 5 temperature steps
- Peltier effect, wide temperature range
- Available in heating and cooling versions
- Special block to convert the heating block into a water bath



Blocks

Cat. No.	Description	€
865002	Block for 40 x 1.5 ml microtubes	N/A -
865011	Block for 54 x 0.5 ml microtubes	N/A -
865012	Block for 96 x 0.2 ml microtubes	N/A -
865013	Block for 24 tubes ø 15 mm	N/A -
865014	Water bath block 115 x 73 x 38 mm	N/A -
865015	Block for 40 x 0.2 ml microtubes	N/A -
865016	Block for 96-well microplates	N/A -
865017	Block for 26 x 0.5 ml microtubes and 24 x 1.5 ml microtubes	N/A -

Grant-Bio PCH series heating/cooling blocks

Three models:

- PCH-1: for 12 x 1.5 ml microtubes and 20 x 0.5 ml microtubes
- PCH-2: for 20 x 1.5 ml microtubes
- PCH-3: for 20 x 2 ml microtubes

Model	PCH-1	PCH-2	PCH-3
Temperature range (°C)	-10 to 100		
Stability (°C)	+/- 0.1		
Uniformity (°C)	+/- 0.1		
Display resolution T° (°C)	0.1		
Rise in temperature rate			
25 to 37 (°C/min)	3		
25 to 100 (°C/min)	16		
Cooling rate			
100 °C to -10 °C (°C/min)	28		
25 °C to -10 °C (°C/min)	21		
Microtube capacity	12 x 1.5 ml and 20 x 0.5 ml	20 x 1.5 ml	20 x 2 ml
Timer	1 min to 96h / non stop		
L x D x H ext. (mm)	260 x 240 x 165		
Power supply	220 - 240 V / AC (50 - 60 Hz) / 0.5 A		
Cat. No.	144212	144213	144848
€	N/A -	N/A -	N/A -

- Peltier effect
- Simultaneous display of the desired and actual temperature
- For applications requiring heating or cooling of microtubes between -10 °C and +100 °C



- Applications: preparation of DNA in denaturing electrophoresis, storage of frozen restriction enzymes, ligation reactions, enzymatic digestions, solubilisation of proteins prior to PAGE, incubation of microtubes for hybridisation, cooling of blood tubes prior to coagulation tests, enzymatic reactions and deactivations

Mini-cooler 200 Dry cooling and heating baths

- Water bath or bead bath
- Peltier effect
- Small size to suit limited space
- Pre-configured temperatures for quick launch
- PTFE coating
- Alarm, timer, and temperature calibration
- Model 203 with programmable temperature for cooling/heating protocols
- Numerous aluminium alloy blocks, interchangeable with the MD mini thermoblock
- USB and Bluetooth ports for data storage, transfer and editing

Model	201	203
Temperature range	Ambient -30 °C (min. -10 °C)	Ambient -30 °C (min. -10 °C) to +100 °C
Uniformity at 37 °C	0.2 °C	
Accuracy at 37 °C	0.25 °C	
Display resolution	0.1 °C	
Temperature rise speed	-	Max. 6 °C / min
Cooling rate	Max. 5.5 °C / min	Max. 5.5 °C / min
Dimensions L x W x H (mm)	41 x 71 x 32	41 x 71 x 75
Electrical power (W)	40	60
Cat. No.	022254	022255
€	N/A -	N/A -

Tube blocks

Cat. No.	Capacity	€
022146	32 x 0.2 ml PCR tubes	N/A -
022147	12 x 1.5 ml tubes	N/A -
022148	6 x 15 ml tubes	N/A -
022149	2 x 50 ml tubes	N/A -
022150	12 x 0.5 ml tubes	N/A -
022151	12 x 2 ml tubes	N/A -
022152	12 x 1.5 ml tubes (deep)	N/A -

