

ThermoCell Cooling and Heating Block

Two models – a heating block and a heating and cooling block, both without mixing. Small and lightweight this reliable design has multiple easily exchanged blocks including a unique water bath block.



They are programmable, with a wide temperature range, excellent temperature stability and a large VFD display.

Features:

- Elegant shape
- Peltier design ensures small size and light weight
- Reliable design with inner extra temperature protection
- Block exchange is quick, easy and convenient.
- Programmable function
- Wide temperature range
- PID control maintains stable temperature
- Large VFD display; intuitive operating panel
- Multiple interchangeable blocks
- Special water bath block

Model	Heating Block HB-202	Cooling & Heating Block CHB-202
Temp. setting range	10°C - 105°C	-10°C - 105°C
Temp. control range	RT. +5°C - 100°C	0°C - 100°C
Timing range	1 min - 99h 59min	1 min - 99h 59min
Temp. control accuracy	≤ ± 0.5°C	≤ ± 0.5°C
Display accuracy	≤ ± 0.5°C	≤ ± 0.5°C
Temp. uniformity	≤ ± 0.5°C	≤ ± 0.5°C
Heating rate	≤ 15 min (20°C - 100°C)	≤ 35 min (20°C - 100°C)
Cooling rate	n/a	≤ 25 min (20°C - 0°C) ≤ 50 min (100°C - 0°C)
Temp. controlling mode	PID	PID
Standard blocks	96 x 0.2ml; 54 x 0.5ml; 40 x 1.5ml; 24 x 15mm; 115 x 73 x 38mm (l x b x h) water bath block	96 x 0.2ml; 54 x 0.5ml; 40 x 1.5ml; 24 x 15mm; 115 x 73 x 38mm (l x b x h) water bath block
Heating parts	Heater	TE module
Cooling parts	n/a	TE module
Dimensions (mm)	300 x 200 x 150 (l x w x h)	300 x 200 x 150 (l x w x h)
Net weight	2.8kg	3.3kg
Power supply	AC 220V 50Hz 120W	AC 220V 50Hz 85W

*NB: The rate is tested under the environmental temperature between 20°C to 25°C using the block B.

Ordering Information

Catalogue Number	Description
HB-202	ThermoCell Heating Block
CHB-202	ThermoCell Cooling & Heating Block
Block A	Block for ThermoCell 40 x 1.5ml Tubes
Block B	Block for ThermoCell 54 x 0.5ml Tubes
Block C	Block for ThermoCell 96 x 0.2ml Tubes
Block D	Block for ThermoCell 24 x 15mm Tubes
Block E	Block for ThermoCell Water Bath Block
Block H	Block for ThermoCell 40 x 2.0ml Tubes

Note: Block E (water bath block) is not suitable for use with the mixing block.



A: 40 x 1.5ml

B: 54 x 0.5ml

C: 96 x 0.2ml

D: 24 x 15ml

E: 115 x 73 x 38mm