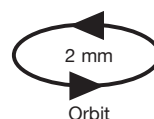


PCMT thermoshaker with cooling for microtubes and PCR plates

Variable speed and temperature, heating and cooling thermoshaker with a choice of blocks for microtubes and microplates.

- A microtube and microplate thermoshaker
- A compact benchtop incubator
- A microtube and microplate shaker

- **Fast heat-up and cooling times**
- **Temperature setting range: +4°C to 100°C**
- **Temperature control range: ambient -15°C to +100°C**
- **Shaking speed: 250 to 1400rpm**
- **Temperature stability: $\pm 0.1^\circ\text{C}$**
- **Improved fast start 3s to maximum shaking speed**
- **Temperature calibration function**



Applications:

- Life-science - genetic analyses, extraction of DNA, RNA and further sample preparation, biochemical studies of enzymatic reactions and processes, extraction of metabolites from cellular material, incubation, agitation, digestion of samples/standards for peptide mapping

PCMT– Technical specifications

• = optional

Microplate and microtube thermoshaker

PCMT



h: 130mm
d: 230mm
w: 205mm
weight: 3.7kg

Temperature setting range	°C	+4 to 100
Temperature control range	°C	15 below ambient to +100
Temperature uniformity over the block	±°C	4°C: 0.6 37°C: 0.1 100°C: 0.3
Temperature display		2 line x 16 character LCD
Average heat up speed	°C	5 mins from +25 to +100 (HC15 block)
Average cooling speed (HC15 block) from +100°C to +25°C @+25°C to +4°C		5°C/min (~15mins) 1.8°C/min (~8mins)
Capacity	microtubes	see accessories below
Capacity	microplates	1
Shaking speed	rpm	250 to 1400
Orbit diameter	mm	2
Timer (with auto-off and audible alarm)		1 min to 96 hours (1 min increment)
Heating/cooling power	W	60
External Power Supply		Input AC 120-230V, 50/60Hz Output DC 12V
Input voltage	V dc	12
Power consumption	W	60 (4.9A)
Maximum noise	dba	53.8

Accessories

<p>HC18 interchangeable block for 20 x 0.5ml microtubes plus 12 x 1.5ml microtubes</p> 	•
<p>HC24N interchangeable block for 24 x 1.5ml microtubes</p> 	•
<p>HC24 interchangeable block for 24 x 2.0ml microtubes</p> 	•
<p>HC32 interchangeable block for 20 x 0.2ml microtubes plus 12 x 1.5ml microtubes</p> 	•
<p>HC96 interchangeable block for 96-well microplates (0.2ml)</p> 	•

Note: PCMT unit supplied without a block, please order from above.