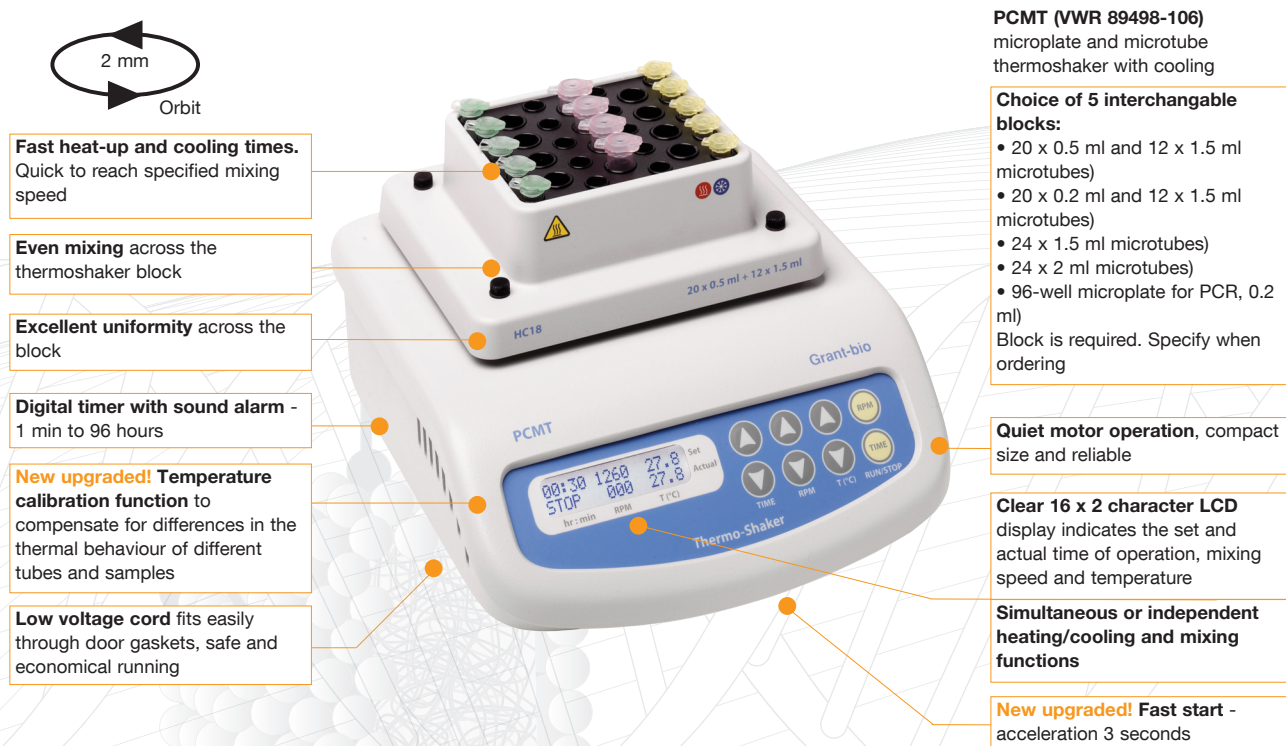


PCMT – thermoshaker with cooling for microtubes and PCR plates

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 1400 rpm**
 - **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 materia, incubation, agitation, digestion of samples/standards for peptide mapping

Thermoshakers with cooling – models and specifications

● = option

		Microplate and microtube thermoshaker
		PCMT
		<div><div><div></div><div>h: 130 mm</div><div>d: 230 mm</div><div>w: 205 mm</div><div>weight: 4 kg</div></div></div>
Temperature setting range	°C	+4 to 100
VWR catalog number		89498-106
Temperature control range		15°C below ambient to +100°C
Temperature uniformity over the block		@4°C ±0.6°C / @37°C ±0.1°C / @100°C ±0.3°C
Temperature display		2 line x 16 character LCD
Average heat up speed		5°C / min from +25°C to +100°C (HC15 block)
Average cooling speed (HC15 block)	from +100°C to +25°C @+25°C to +4°C	5°C / min (~ 15 mins) 1.8°C / min (~ 8 mins)
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
Input voltage	V dc	12
Input current	A	4.16
External power supply	V	100-240
Maximum noise	dba	53.8

Accessories

VWR 89498-108 interchangeable block for 20 x 0.5 ml microtubes plus 12 x 1.5 ml microtubes



VWR 89498-112 interchangeable block for 24 x 1.5 ml microtubes



VWR 89498-110 interchangeable block for 24 x 2.0 ml microtubes



VWR 89498-114 interchangeable block for 20 x 0.2 ml microtubes plus 12 x 1.5 ml microtubes



VWR 89498-116 interchangeable block for 96-well microplates (0.2 ml)



Note: PCMT (VWR 89498-106) unit supplied without a block, please order from above.



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