

Thermoshakers » PHMT thermoshaker for microtubes and microplates

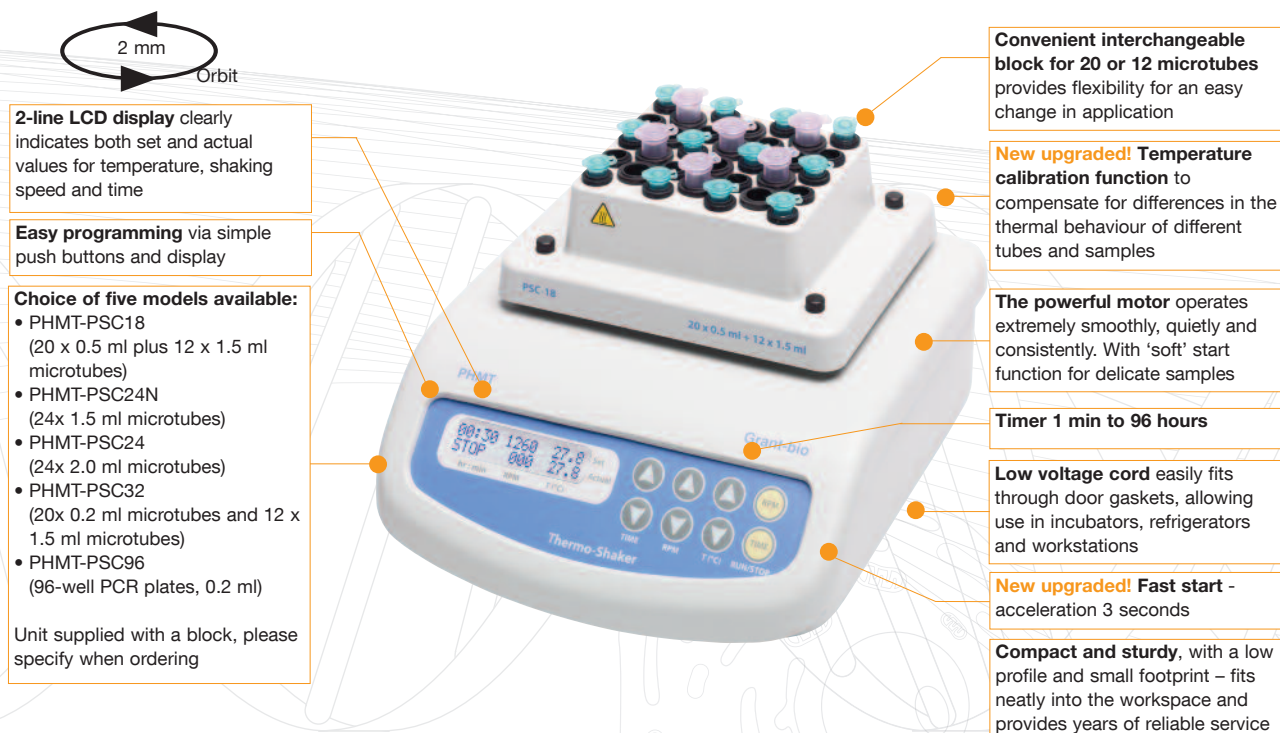
PHMT - thermoshaker for microtubes and PCR plates

Variable speed, variable temperature thermoshaker combining three instruments in one for maximum versatility and efficiency:

- a microtube and microplate thermoshaker
- a compact benchtop incubator
- a microtube and microplate shaker in cold or ambient temperatures

- Capacity for up to 24 or up to 32 microtubes or PCR 96 well plate
- Temperature setting range: +25°C to 100°C
- Temperature control range: +5°C above ambient to 100°C
- Shaking speed: 250 to 1400 rpm
- Rapid heat-up speed
- Continuous or timed operation, with alarm and automatic switch-off facility
- Improved fast start 3s to maximum shaking speed
- Temperature calibration function

Model PHMT-PSC18 shown



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

Thermoshakers » PHMT » Models and specifications

Thermoshakers – models and specifications

● = option

	For microtubes				For microplates
	PHMT-PSC18	PHMT-PSC24N	PHMT-PSC24	PHMT-PSC32	PHMT-PSC96
	 4 kg h: 130 mm d: 230 mm w: 205 mm	 4 kg h: 130 mm d: 230 mm w: 205 mm	 4 kg h: 130 mm d: 230 mm w: 205 mm	 4 kg h: 130 mm d: 230 mm w: 205 mm	 4 kg h: 130 mm d: 230 mm w: 205 mm
Temperature setting range	°C + 25 to 100				
Temperature control range	+5°C above ambient to 100°C				
Temperature uniformity over the block	@ +37°C ±0.1°C @ +60°C ±0.2°C @ +100°C ±0.2°C				
Display	2 line x 16 character LCD				
Heat up speed RT to 100°C	4°C/min				
Capacity	32 microtubes 20 x 0.5 ml and 12 x 1.5 ml	24 x 1.5 ml microtubes	24 x 2.0 ml microtubes	32 microtubes 20 x 0.2 ml and 12 x 1.5 ml	96-well PCR plate
Shaking speed	rpm 250 to 1400				
Orbit diameter	mm 2				
Timer	1 min to 96 hours (1min increment)				
Weight	kg 4				
Input voltage	V dc 12				
Input current	A 4.16				
External power supply	V 100-240				
Heating power	W 42				
Maximum noise	dBA 54.7				

Accessories

PSC18 additional / spare block 20 x 0.5 ml microtubes plus 12 x 1.5 ml microtubes	●
PSC24N additional / spare block 24 x 1.5 ml microtubes	●
PSC24 additional / spare block 24 x 2.0 ml microtubes	●
PSC32 additional / spare block 20 x 0.2 ml microtubes plus 12 x 1.5 ml microtubes	●
PSC96 additional / spare block 96-well microplates (0.2 ml)	●