

## 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

- 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
- Temperature stability  $\pm 0.1^\circ\text{C}$
- Shaking speed: 250 to 1400 rpm
- Rapid heat-up speed
- Continuous or timed operation, with alarm and automatic switch-off facility



- 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

● = 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	+ 25 to 100°C				
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	2.5°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	250 to 1400 rpm				
Orbit diameter	2 mm				
Timer (with auto-off and audible alarm)	1 min to 96 hours (1min increment)				
Weight	4 kg				
Input voltage	12 V dc				
Input current	4,16 A				
External power supply	120V or 230V				

### Accessories

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