

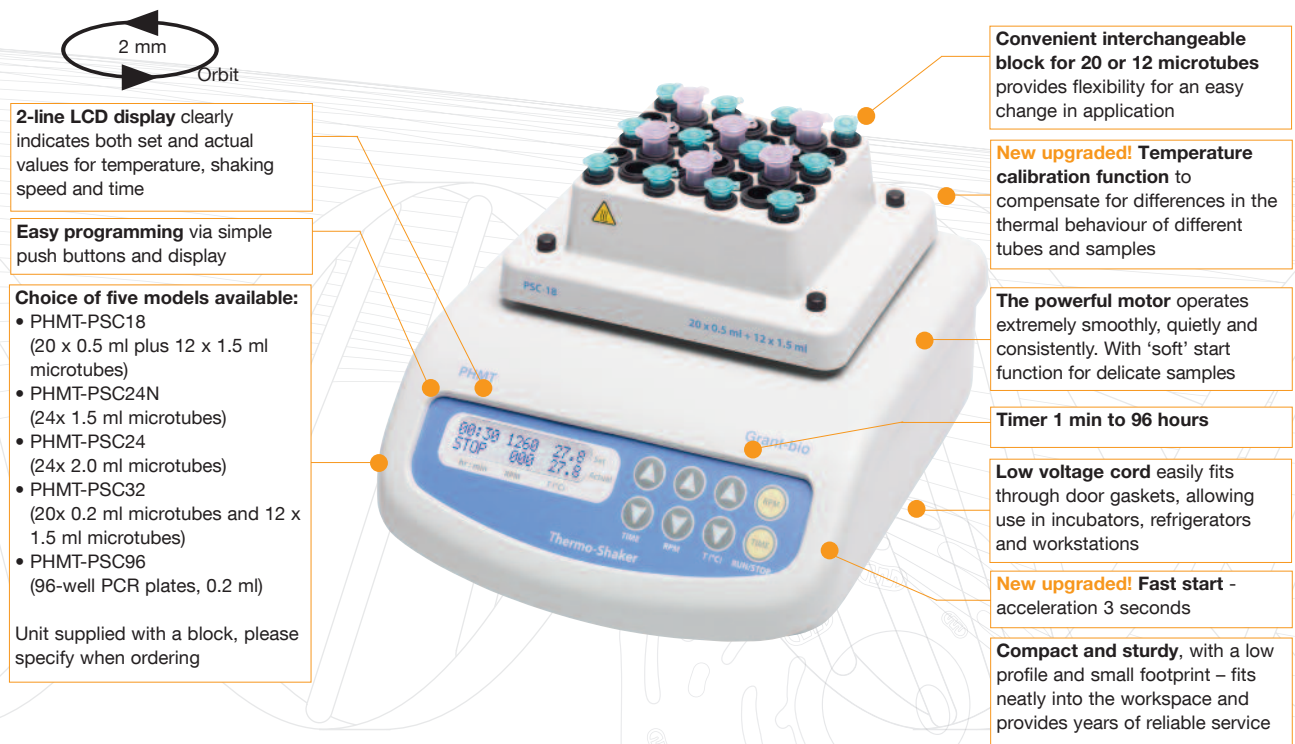
PHMT - thermoshaker for microtubes and PCR plates

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) | ● |



Thank you for reading this data sheet.

For pricing or for further information, please contact us at our UK Office, using the details below.



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Please note - Product designs and specifications are subject to change without notice. The user is responsible for determining the suitability of this product.