

Grant-bio





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PCMT PLUS at a glance



- Suitable for micro tubes and PCR plates
- Temperature setting range +4°C to +100°C
- Control up to 7 units with Bluetooth® technology
- Heating and mixing can be performed both simultaneously or independently
- 5 fully interchangeable blocks sold separately
- Available in UK, EU and US versions
- PCMT PLUS software features
 - Rotation speed
 - Temperature
 - Time
 - Sound signal
 - Creating Profiling programs using controlled parameters
 - Visualization of temperature vs time and speed vs time graphs
 - Data export to Excel and CSV formats
 - Error messages/Fault diagnostics

Specifications

Temperature setting range	+4°C ... +100°C
Temperature control range	15°C below ambient ... +100°C
Average heating speed from +25°C to +100°C	5°C/min
Average cooling speed from +100°C to +25°C	5°C/min
Average cooling speed from +25°C to +4°C	1.8°C/min
Temperature uniformity over the block at +4°C	±0.6°C
Temperature uniformity over the block at +37°C	±0.1°C
Temperature uniformity over the block at +100°C	±0.3°C
Temperature calibration coefficient range	0.936...1.063 (± 0.063)
Speed control range	250–1400 rpm
Digital time setting	1 min–96 hrs (1 min increment)
Timer sound signal	yes
Orbit	2 mm
Display	LCD, 16 x 2 signs
Microprocessor controlled temperature, mixing speed and operation time	yes
Maximum continuous operation time	168 h
PC system requirements	Intel/AMD Processor, 1 GB RAM, Windows Vista/7/8/8.1/10, USB, Bluetooth
Overall dimensions (WxDxH)	220x240x90 mm
Weight	3.7 kg
Input current/power consumption	12 V, 4.9 A / 60 W
External power supply	Input AC 100–240 V; 50/60 Hz; Output DC 12 V

Targeting and application

- Genetic analysis — in extraction of DNA, RNA and further sample preparation
- Biochemical study of enzymatic reactions and processes
- Extraction of metabolites from cellular material



Accessories

HC18

Interchangeable block for:
20 x 0.5ml microtubes plus
12 x 1.5ml microtubes



HC24

Interchangeable block for:
24 x 2.0ml microtubes



HC96

Interchangeable block for:
96-well microplates (0.2ml)



HC24N

Interchangeable block for:
24 x 1.5ml microtubes



HC32

Interchangeable block for:
20 x 0.2ml microtubes plus
12 x 1.5ml microtubes



Ordering Information

- Product Code PCMT PLUS
- Country of Origin Latvia
- Warranty 2 years
- HS Code 8479.82.0000
- Weight 3.7Kg
- Dimensions 220 x 240 x 90 mm w x d x h
- Price – please refer to 2022 issued price list