

Automatic Video Melting Point Apparatus

Four-sample melting point measurement with automatic detection and video observation. Programmable heating records the onset and completion of melting.



Technical Information

Temperature range	ambient-400 °C
Batch capacity	4
Heating rate	0.1-20 °C/min
Temperature resolution	0.01 °C
Measurement accuracy	±0.2 °C (<200 °C); ±0.4 °C (>200 °C)
Heating rate precision	≤0.1 °C
Control	PID
Display	≥8 in
Video magnification	20×
Video recording duration	60 min
User access levels	3
Memory capacity	64 GB; RAM ≥2 GB
Methods stored	100
Graphs stored	300

Technical Information

Audit trail	yes
Communication	USB; RS232; Wi-Fi
Capillary dimensions	OD 1.4 mm; ID 1.0 mm
Electrical supply	220 V; 50 Hz; 120 W

Standard Configuration

The instrument configuration and supplied accessories must be itemized in the quotation. A feature described here does not imply that every accessory pictured is included.

Optional Configuration

Printer is optional. Confirm capillary supply, software configuration and application method before ordering.

Selection and ordering

State the PRECETTA model, application, selected configuration, quantity and destination. Download the complete PDF for all verified specifications and configuration details. Confirm site utilities and sample compatibility before ordering.

Technical Information

Automatic and manual detection, enclosed PID-controlled heating block, calibration and exploration modes are documented. Video capture/replay includes timestamps; storage includes methods, graphs and video, with export reminders. Three-level access, audit records, anti-tamper data and PDF/Excel export are described. No accuracy is specified exactly at 200 °C.