



AUTOMATIC MELTING POINT APPARATUS

Code KPC001

Automatic equipment for the determination of melting points, designed to perform accurate and reproducible analyses of up to three samples simultaneously. It incorporates an automatic photoelectric detection system, temperature control by means of a PT100 probe and a colour touchscreen for clear monitoring and display analysis.



Features

- Simultaneous analysis of up to 3 samples using three independent photodetectors.
- 6.9" colour LCD touchscreen for intuitive operation and clear process monitoring.
- Graphical display of the analysis, allowing the initial and final temperatures of the melting process to be identified.
- Temperature control by PT100 probe, ensuring accurate and stable temperature regulation.
- Temperature calibration function to facilitate the correction of possible deviations.
- Storage of up to 1,000 measurements and up to 8 measurement methods.
- Compatible with capillaries measuring 90 mm in length and 1.4 mm in external diameter.
- Includes thermal printer and capillary tube pack (500 units).

Technical specifications

Code	KPC001
Model	440
Temperature range	RT-360°C
Measurement mode	Automatic
Number of capillaries	3
Linear heating rate	0.1°C/min - 20°C/min
Temperature resolution	0.1°C
Display	6.9" colour LCD touchscreen
Capillary dimensions	External diameter: 1.4 mm Internal diameter: 1.0 mm Length: 90 mm
Capillary filling height	3 mm
Outputs	RS232 and USB
Measurement methods	Up to 8
Measurement storage	Up to 1000
Power consumption	120 W
Power supply	220V AC 50/60 Hz
Dimensions (Length x Width x Height)	370x285x175
Weight	5 kg

Accessories

Code	Description
KPD001	Capillary tubes, Ø 1.4 mm (500 units)