

Melting Point Meters

Melting Point Meter M5000

With this instrument, powdery substances with a melting point up to 400 °C can automatically be examined. A fan cooling allows fast measurements in every range of temperature. The display provides a clearly-arranged readout of all important measuring data.

Features

- Fully automatic measuring instrument
- Digital temperature control via LCD-display
- Sealed keyboard for easy cleaning
- Alarm function when reaching the melting point
- Digital display of all important data
- Display in German and English
- Automatic quick cooling by integrated fan
- Inclusive instrument protective cover and 100 melting point tubes
- With RS-232 interface for printer CBM910



Specifications

Measuring range:	25 – 400 °C
Resolution:	0.1 °C
Accuracy:	± 0.3 °C (25–200 °C) ± 0.5 °C (200–400 °C)
Reproducibility:	± 0.2 °C
Safety class:	IP 20
Preheating rate:	up to 300 °C approx. 4.0 min up to 400 °C approx. 7.5 min
Heating rate during measurement	1 °C min ⁻¹
Capillary-Ø:	1.4 mm
Capillary intake:	1
Power supply:	90–264 V
Dimensions in cm:	23.0 x 21.0 x 11.0
Weight:	approx. 1.8 kg



M5000

Melting Point Meters KSP1D and KSP1N

With this instrument, powdery substances with a melting point up to 360 °C can visually be examined in capillaries. A fan cooling allows fast measurements in every range of temperature. The display provides a clearly arranged readout of all important measuring data. KSP1D is equipped with a printer.



KSP1D

Features

- Digital temperature control
- Sealed keyboard for easy cleaning
- Error status in plain language (English/German)
- Short instruction on the instrument (English/German)
- Sample control by illuminated magnifier
- 3 capillary intakes
- Automatic quick cooling by integrated fan
- KSP1D with internal thermo printer
- With RS-232 interface for printer CBM910

Specifications KSP1D

Measuring range:	30–360 °C
Resolution:	0.1 °C
Accuracy:	± 0,3 °C (30–200 °C) ± 0,5 °C (200–360 °C)
Safety class:	IP20
Heating rate:	1 °C min ⁻¹
Observation lens:	10X
Capillary-Ø	1.4 mm
No. of capillary tubes:	3
Interfaces:	RS-232
Power supply:	90–264 V
Dimensions in cm:	21.0 x 24.0 x 31.0
Weight:	2.3 kg

Specifications KSP1N

- same as KSP1D but without internal printer
- With RS-232 interface for printer CBM910

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