

MELTING POINT METERS

AUTOMATIC MELTING POINT DETERMINATION – ACCURATE, FAST AND RELIABLE



EN

MEASURING QUALITY. SINCE 1796

Version 4.0 | Status: December 2016 | Subject to modifications and errors



MELTING POINT METER M5000



M5000

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

YOUR ADVANTAGES

- Fully automatic measuring instrument
- 1 capillary intake
- Digital temperature control via LCD display
- Alarm signal when reaching the melting point
- Automatic fast cooling through integrated fan
- Digital display of all important data
- Display in German or English
- With RS-232 interface for printer CBM910
- Easy-to-clean membrane keypad
- Includes protective cover and 100 capillaries

SPECIFICATIONS

Measuring range:	25–400 °C
Accuracy:	±0.3 °C (25–200 °C) ±0.5 °C (200–400 °C)
Resolution:	0.1 °C
Preheating rate:	to 300 °C approx. 4.0 min to 400 °C approx. 7.5 min
Heating rate:	1 °C min ⁻¹
Capillary Ø:	1.4 mm
Capillary intakes:	1
Interfaces:	RS-232
Safety class:	IP20
Power supply:	90–264 V
Dimensions (w x h x d):	220 mm x 150 mm x 340 mm
Weight:	1.8 kg

MELTING POINT METERS KSP1D and KSP1N



KSP1D

With these instruments, powdery substances with a melting point up to 360 °C can be examined visually in capillaries. Thanks to the integrated fan cooling, fast measurements are possible in any temperature range. The display provides a well-arranged readout of all important measuring data. The KSP1D is additionally equipped with an internal printer.

YOUR ADVANTAGES

- Semi-automatic measuring instruments
- 3 capillary intakes
- Digital temperature control via LCD display
- Monitoring of the illuminated sample via lens
- Automatic fast cooling through integrated fan
- Digital display of all important data
- Display in German or English
- KSP1D with internal thermal printer
- With RS-232 interface for printer CBM910
- Easy-to-clean membrane keypad
- Short instruction in German and English on the instrument
- Include protective cover and 100 capillaries

SPECIFICATIONS

Measuring range:	30–360 °C
Accuracy:	±0.3 °C (30–200 °C) ±0.5 °C (200–360 °C)
Resolution:	0.1 °C
Preheating rate:	to 300 °C approx. 4.0 min to 360 °C approx. 7.5 min
Heating rate:	1 °C min ⁻¹
Observation lens:	10x
Capillary Ø:	1.4 mm
Capillary intakes:	3
Interfaces:	RS-232
Safety class:	IP20
Power supply:	90–264 V
Dimensions (w x h x d):	230 mm x 320 mm x 210 mm
Weight:	2.3 kg