

Melting Point Meters, A. KRÜSS Optronic



Melting point meter M5000

The M5000 provides fast, easy and automatic examination of powdery substances with a melting point up to 400°C. Due to the automatic determination of the melting point, an objective measurement result is always guaranteed. The high preheating rate and the integrated fan cooling allow fast and reliable measurements in any temperature range. The display provides a well-arranged readout of all important measuring data.

Technical data:

Measuring range:	25 – 400°C
Resolution:	0.1°C
Accuracy:	±0.3°C (25 – 220°C) ±0.5°C (200 – 400°C)
IP Code:	IP20
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
Nr. of capillaries:	1
Power supply:	90 – 264 V
Dimensions (W×H×D):	220 × 150 × 340 mm
Weight:	4.1 kg



Article	Order No.
① Melting point analyzer M5000	10 61 15001

Melting Point Meter M3000

The M3000 provides fast and easy examination of powdery substances with a melting point up to 360°C. Due to the triple capillary intake, it is possible to analyse three samples within one measurement run. Thanks to the preheating rate and 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 measurement is carried out semi-automatic by means of 10× magnification optics, the device offers an RS-232 interface for printer CBM910.

Technical data:

Measuring range:	30 – 360°C
Resolution:	0.1°C
Accuracy:	±0.3°C (30 – 200°C) ±0.5°C (200 – 360°C)
Preheating rate:	to 300°C approx. 4.0 min to 360°C approx. 7.5 min
Heating rate:	1°C min ⁻¹
Capillary Ø:	1.4 mm
Nr. of capillaries:	3
Power supply:	90 – 264 V
Dimensions (W×H×D):	210 × 360 × 230 mm
Weight:	4.3 kg

Article	Order No.
② Melting point meter M3000	10 61 13001

