

Cole-Parmer[®] Stuart[™] MP-100 Analogue Melting Point

- Manually adjustable heating rate, the MP-100 will rapidly heat samples up to 20°C per minute to the melt temperature and up to the maximum temperature of 250°C
- Accurate readings to within 1°C of the melt temperature can be achieved by using a slower heating rate of between 1 and 10°C per minute
- Three samples can be viewed and tested at any one time. Samples are illuminated by a bright white LED and viewed via a magnifying lens
- Detachable magnifying lens for cleaning using the simple to follow instructions printed on to the instrument





Cole-Parmer® Stuart™ MP-100 Analogue Melting Point

With new safety features and easy to use, the MP-100 is ideal for use in lower education. Supplied with a safe, spirit filled mercury free thermometer, the low toxic blue spirit will not pose a health hazard in the event of a breakage. Easy to follow instructions are printed directly on to the apparatus and are available in most European languages.

Technical Specification

Specification	MP-100
Melting point method	Digital
No of samples	3
Temperature range	Ambient to 400°C
Temperature resolution	0.1°C
Display	40x 4 LCD
Ramp rate	0.5-10°C in 0.1°C increments
Temperature sensor	PT100 Platinum resistance
Memory	8 results per tube
Accessory printer	Yes
Date/time display	Yes
Cool down time 350-50°C	12 mins
Heat up time 50-350°C	6 mins
Electrical supply	230V, 50Hz, 50W
Onboard capillary storage	Yes
In-built glass cutter	Yes
Language variants	English, German, French, Italian, Spanish
Temperature units	°C
Dimensions h x d x w	325 x 200 x 170
Net weight (kg)	3.6

Ordering Information

Description	Ordering Number	Series No.	Model No.	Legacy Sku.
Analogue Melting Point	03013-61	MP-100	MP-100	SMP11
Analogue Melting Point 120V	03013-60	MP-100	MP-100-120	SMP11/120V/60
Accessory Printer	83056-79	MP-100	N/A	SMP50PRINTER
Glass melting point tubes, closed ends, pack of 100	03013-65	MP-100	N/A	SMP2/1
Glass melting point tubes, closed at one end, pack of 100	03013-64	MP-100	N/A	SMP10/1



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Pricing on any accessories shown can be found by keying the part number into the search box on our website.

The specifications listed in this brochure are subject to change by the manufacturer and therefore cannot be guaranteed to be correct. If there are aspects of the specification that must be guaranteed, please provide these to our sales team so that details can be confirmed.

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Please contact us if this literature doesn't answer all your questions.