

# Cole-Parmer<sup>®</sup> Stuart<sup>™</sup> Analogue Melting Point - MP-100

- 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





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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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