

MP-100 Series Analog Melting Point Apparatus

- Simple to use—ideal for students and entry-level technicians
- Measure up to three samples at once for greater efficiency
- Integral LED illumination and magnifying lens make viewing results easy
- The included blue-spirit-filled glass thermometer is mercury-free and nontoxic
- 3-year warranty





Self-adhesive instruction label can be placed on unit for handy reference.

MP-100 Series Analog Melting Point Apparatus

The MP-100 analog melting point apparatus is simple to operate. Place your sample in a capillary tube and insert it into the aluminum block. Manually set the heating rate between 1 °C and 20 °C per minute, up to a maximum of 250 °C. Lowering the heating rate as you near the expected melting point temperature will increase the accuracy of the reading to within 1 °C. Observe the sample through the magnifying lens until the melt occurs, and then read the melt temperature from the thermometer.

Unit is supplied with a pack of open-ended glass capillary tubes. One end should be sealed with a Bunsen burner; or purchase optional capillary tubes that have been sealed on one end. Order the optional brass cooling plug to speed up cooling when multiple runs are needed.

Specifications

Model no.	MP-100
Number of samples	3
Temperature range	50 to 250 °C
Heating rate	1 °C to max of 20 °C per minute
Instruction label languages	English, German, French, Italian, Spanish
Dimensions (W x H x D)	37 x 11 x 14 cm (14.6 x 4.3 x 5.5 in)
Warranty	3 years

Ordering Information

Description	Item no.	Series No.	Model No.	Legacy SKU
Analog melting point apparatus, 230 VAC, 50/60 Hz, 50 W	03013-61	MP-100	MP-100	SMP11
Analog melting point apparatus, 120 VAC, 50/60 Hz, 50 W	03013-60	MP-100	MP-100-120	SMP11/120V/60

Accessories

Description	Item no.	Series No.	Model No.	Legacy SKU
Glass capillary tubes, open both ends, 100/pk	03013-63	N/A	N/A	SMP1/4
Glass capillary tubes, sealed on one end, 100/pk	03013-64	N/A	N/A	SMP10/1
Glass capillary tubes, sealed both ends, 100/pk	03013-65	N/A	N/A	SMP2/1
Brass cooling plug	03013-66	N/A	N/A	SMP1/2
Spare spirit-filled glass thermometer, 0 to 250 °C	03013-62	N/A	N/A	SMP11/1

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