

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



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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.

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

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

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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USA:
+1.800.323.4340
+1.847.549.7600

Canada: +1 800 363 5900
China: +86 21 5109 9909
France: +33 (0)1 48 63 78 00
Germany: +49 (0) 9377 92030

India: +1 800 266 1244
Italy: +39 (0)2 84349215
UK: +44 (0) 1480 272279
All other countries: +1 847 549 7600

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