

## MP-800 Series Automatic Digital Melting Point Apparatus

- Advanced digital image processing produces a high-resolution video of the sample melt
- Get up and running quickly—intuitive setup and navigation on large color touchscreen
- Use the rapid ramp mode to take a fast scan of the full temperature range
- 8 GB on-board memory storage
- Conforms to USP and GLP requirements
- 3-year warranty





## MP-800 Series Automatic Digital Melting Point Apparatus

Advanced features with a familiar interface make the MP-800 the ideal melting point apparatus for your pharmaceutical, raw material, and quality control applications. Digital camera technology is used to produce a high-resolution video of the sample melt; this allows the intelligent melt algorithm to identify the smallest of changes within the sample, accurately and reliably determining the melting point of up to three samples simultaneously. Video image of melt provides proof of measurement — observe in real-time or post melt. Download videos and reports to a USB flash drive or use the optional printer for direct printing of results. Stored video results are stamped with melt temperature. Unit features a capillary storage compartment with glass cutter and three slots to hold prepared tubes. Includes a pack of 100 glass capillary tubes (sealed at one end).

### Specifications

Model no.	MP-800
Number of samples	3 simultaneously
Temperature range	Ambient to 400 °C
Temperature resolution	0.1 °C
Display	17.8 cm (7 in) touch-screen display, with date/time and choice of C/F units
Ramp rates	0.1 to 20 C/min 0.1 °C increments
Temperature sensor	PT1000 RTD
Cool down time (350 to 50 °C)	12 mins
Heat up time (50 to 350 °C)	6 mins
Oven control	Closed loop PID
Memory	8 GB (approx. 300 results with video)
Data transfer	USB Flash drive
Languages	English / French
Dimensions (W x H x D)	30 x 16.4 x 36 cm (11.8 x 6.4 x 14.1 in)
Warranty	3 years

### Ordering Information

Description	Item no.	Series no.	Model no.	Legacy SKU
Automatic melting point apparatus, 120/230 VAC, 50/60 Hz	03013-02	MP-800	MP-800D	SMP50
Automatic melting point apparatus, 120/230 VAC, 50/60 Hz, with IQ/OQ documentation	03013-03	MP-800	MP-800D	SMP50/IQOQ

### Accessories

Description	Item no.	Series no.	Model no.	Legacy SKU
Printer with US, UK, and EU power cords	83056-79	N/A	N/A	SMP50/PRINTER
Calibration standards kit (caffeine, vanillin and sulphanilamide) with purity certificates	99967-49	N/A	N/A	N/A
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

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