

Digital melting point determination instrument Mod. MP-250D-P

digital, 2 programmable ramps, Temp. resolution 0.1°C,

The MP-250D series digital melting point apparatus allows you to easily view **three capillary tube samples simultaneously through the 8x magnifying lens.**

The adjustable extension arm can be set to different viewing heights making it ideal for multiple users.

A rotating viewing head and safety eye piece eliminate glare on the lens and protect you against hot zone.

A **13-key membrane keypad** offers easy-to-use menus.

The conveniently located push button controls allow temperature recording without looking away from the sample.

A digital microprocessor with **±0.1°C resolution** provides fast warm-up and accurate temperature control.

Units can be calibrated by on site or by the manufacturer/service organization. A calibration kit is required if you choose to calibrate on site.

FEATURE

- **3 year warranty**
- View up to three samples simultaneously for greater efficiency
- Height-adjustable arm with viewing magnifier folds away for easy storage
- Integral light and 8x magnifying lens enhance sample observation
- Three audible beeps indicate when temperature is stable and ready for sample
- Adjustable object lens for sharp focus
- **Set ramp rate between 0.2°C/min to 10.0°C in 0.1° increment**
- **RS-232 interface and USB ports** allow for easy data transfer to printer
- **Internal batch memory capacity of 1000 melts**
- **4 x 1 melt memory capacity**
- **3 year warranty**

Technical data

Temperature range	1 to 405 °C
Temperature Resolution	0.1 °C
Temperature accuracy	0.5°C @ 20 °C linearly to ±1.0 °C @ 350 °C
Ramp rate	Adjustable from 0.2 to 10.0 °C/min in increments of 0.1 °C/min
Ceiling temperature setting	From 5 °C above set temperature to 405 °C in increments of 1 °C
Display	12 x 2 backlit matrix LCD
Date and time settings	Yes
Melt memory capacity	4 x 1
Batch memory capacity	1000 melt
Temperature control sensor	PT100 RTD



Oven	Closed loop PID control; 3 white LEDs for illumination
Dimensions (W x H x D)	20 x 8.5 closed / 45 open x 35 cm (7.9 x 3.3 closed / 17.7 open x 13.8 in)
Power	100 to 240 VAC, 50/60 Hz, 45 W

Code	Description
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