

## Melting Point Measurement Device

### MPS21 Series



MPS21 shown smaller than actual size.

- Compact Design
- Digital LED Temperature Display, 0.1°C Resolution
- 3 Indicator Lights (Heating, Fast, Slow)
- Protective Cover is Easily Removed for Cleaning
- Magnifying Lens for View of Up to Two Samples
- Samples Illuminated by a Built-In LED
- Read Button to Capture Melt Temperature

The MPS21 melting point device is a convenient, safe, fast and easy to use digital product that determines the melting point of a substance without the need for a mercury thermometer. The MPS21 makes measurement simple and is ideal for use in educational chemistry labs. It can be an indispensable bench top tool for the modern science education laboratory and for select industrial application areas such as quality control testing for the purity of pharmaceutical and other organic crystalline solids.

### SPECIFICATIONS

**Dimensions:** 220 L x 160 W x 170 mm H (8.7 x 6.3 x 6.7")

**Weight:** 1.8 kg (4 lb)

**Electrical Supply:** 120V, 60 Hz

**Temperature Range:** Ambient temperature to 300°C (572°F)

**Accuracy:** Of  $\pm 1^\circ\text{C}$  at 20°C;  $\pm 2.5^\circ\text{C}$  at 300°C (572°F)

**Digital Display/Resolution:** 4 digit LED/0.1°C

**Temperature Ramp Rates:** Fast temperature set  $\leq 20^\circ\text{C}$  (depending on set) to melt between 1 and 10°C (33.8 and 50°F) LED indicator lights

### To Order

Model No.	Description
MPS21	Melting point device with 100 pack melting point tubes, closed at one end

### Accessories

Model No.	Description
MPS20-A	Replacement Glass melting point tubes, 100 pack, closed at one end
MPS20-B	Glass melting point tubes, 100 pack, open at both ends
MPS20-C	Glass melting point tubes, 100 pack, sealed at both ends

Comes complete with one pack of 100 glass capillary tubes, closed at one end and a operator's manual.