



Cole-Parmer® Stuart™ SMP11 Analogue Melting Point Apparatus

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Take melting point measurements of up to three samples at once for greater efficiency. Simple to operate, the instructions are printed directly on the unit. Place your sample in a capillary tube and insert it into the aluminum block. Manually set the heating rate between 1 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. Observe the sample through the magnifying lens until the melt occurs and read the melt temperature from the thermometer.

- Integral LED illumination and magnifying lens make viewing easy
- No complicated programming – place sample in capillary tube, set heating rate, and watch for melt
- Supplied with blue spirit filled thermometer and 100 x capillary tubes (open at one end)
- Optional brass cooling plug (sold separately) to speed up cooling when multiple runs are needed

| Code | Alt Ref | No. of Samples | Temp Range, °C | Heat Up Time, °C | Dims, w x d x h, mm | Price |
|---------|----------|----------------|----------------|------------------|---------------------|---------|
| MEL2000 | 03013-61 | 3 | 50 to 250 | 1 to 20/minute | 370 x 140 x 110 | £600.00 |

Accessories

| Code | Alt Ref | Description | Price |
|---------|----------|--------------------|--------|
| MEL2010 | 03013-66 | Brass cooling plug | £25.00 |



Cole-Parmer® Stuart™ SMP50 Automatic Melting Point Apparatus

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Advanced features with a familiar interface. Take measurements, view results, save programs, set up user sign ins, and more. Unsure of the melt temperature? Use the rapid ramp mode to take a fast scan of the full temperature range. Watch the melt on the large 7" touchscreen display, or view a video of the melt later. Stored video results include a temperature stamp of the captured melt temperature.

- Conforms to US Pharmacopeia (USP) and GLP requirements
- Capture and display video image of the melt on the touchscreen display or download to a PC
- Accurately identify the melting point with advanced digital image processing
- Get up and running quickly – intuitive setup and navigation
- Increase productivity – analyse three samples simultaneously
- Storage compartment for unused capillaries includes a glass cutter to open capillaries
- Area to hold three prepared sample capillaries safely away from the heat source
- Supplied with glass capillaries

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|---------|----------|----------------|----------------|------------------|---------------------|----------|
| MEL2108 | 03013-02 | 3 | Ambient to 400 | 0.1 to 20/minute | 300 x 360 x 164 | £4236.00 |

Looking for Melting Point Standards?

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