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1. Melting Point Apparatus

This ergonomic apparatus has been designed with safety and ease of operation in mind. A single control knob on the front panel incorporates the mains ON/OFF switch with arbitrary scale of 0 to 10. A rapid heat switch allows higher temperatures to be obtained quickly. Sample tubes are illuminated from behind and magnified through a lens. A selector at the rear of the instrument allows a light or dark background. Ceramic insulation around the aluminium heating block minimises heat transfer to the casing. Thermometer and capillary tubes available as accessories. Supplied with instructions.

Please note: mercury thermometers can no longer be supplied. Part code THE5248 is the recommended thermometer to be used with this melting point apparatus.

- Electrical supply: 230V AC, 50/60Hz
- Temperature range: ambient to +350°C

Code	Pack	Price
★ MELTP	Each	£293.05

2. Cole-Parmer® Stuart® SMP11 Analogue Melting Point Apparatus

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	Description	Pack	Price
MEL2000	Melting point apparatus	Each	£590.45
MEL2010	Brass cooling plug	Each	£24.94

3. Cole-Parmer® Stuart® SMP10 Digital Melting Point Apparatus

Designed for maximum safety and ease of use. Select, measure, and display the temperature digitally, ensuring accuracy and avoiding the need for a glass thermometer. Test two samples simultaneously, viewing the melt via a magnifying lens with built in illumination. Set a plateau temperature for initial warm up – unattended warm up time frees up the user until the plateau temperature is reached. Heating rate continues at 2°C after the warm up, slowly reaching the melt temperature for greater accuracy.

- Easily view the melt via magnifying lens with built in illumination
- Be more productive – test two samples simultaneously
- Extend the back feet for the optimal viewing angle
- 3 digit LED display
- Supplied with 100 x capillary tubes (open at one end)

Code	Pack	Price
MEL2104	Each	£699.90

2 Cole-Parmer® Stuart® 3 YEARS



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