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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 an 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	£185.50

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2. Cole-Parmer® MP-100 Analogue Melting Point Apparatus

Take melting point measurements of up to three samples at once for greater efficiency. Easy-to-follow instructions are printed directly on the unit. Place your sample in a capillary tube and insert it into the aluminium block. Manually set the heating rate between 1°C 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.

- Simple to use - place sample in capillary tube, set heating rate, and watch for melt
- Test and view three samples at the same time
- Heat up to 20°C/min close to melt temperature, then set to slower heating rate of 1° to 10°C/min
- Read temperature mercury-free blue-spirit-filled thermometer
- Supplied with open-ended capillary tubes, one end should be sealed with a Bunsen burner; or purchase optional capillary tubes separately that are already sealed
- Order the optional brass cooling plug to speed up cooling when multiple runs are needed

Code	Description	Pack	Price
MEL2000	Melting point apparatus	Each	£617.95
MEL2010	Brass cooling plug	Each	£29.26

Azlon Delivery Tubes

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science2education.co.uk/azlondeliverytubes