

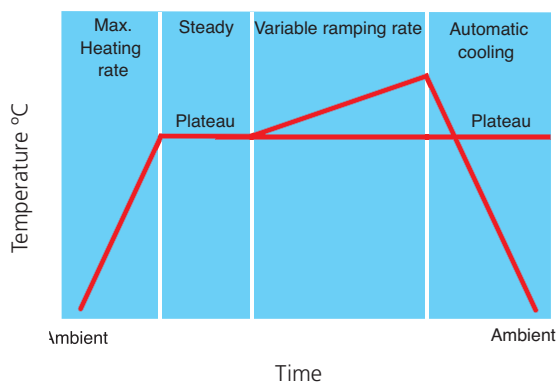
melting point apparatus



SMP3



SMP3 facia



Melting point apparatus, advanced, SMP3

- Maximum temperature 360°C
- Programmable heating rates
- Melt temperature memory
- Automatic cooling and user friendly display
- Supplied with calibration certificate

Designed for fast and accurate measurement of melting points. The heating block accommodates up to three samples and incorporates a platinum resistance sensor for responsive temperature control.

A membrane key pad allows easy setting of the desired start temperature and heating ramp rates (fully adjustable from 0.5°C to 10°C per minute) in 0.1°C increments.

The user friendly backlit alphanumeric LCD display advises both the temperature and the specific stage of operation. Language is switchable between English, French, German, Italian and Spanish. Clear observation of the samples and melt process is aided by a powerful magnifying lens and high intensity illumination.

When measurements of melt are being made, the temperatures may be stored in the instrument's memory by pressing the storage buttons. The values can then be recalled at a convenient time.

Once the heating cycle is completed, an integral air pump quickly cools the heating block so that the next series of tests can be commenced promptly.

Supplied complete with calibration certificate showing individual serial number for traceability.

Technical Specification

No. of samples	3
Temperature range	Ambient to 360°C
Temperature resolution	0.1°C
Temperature accuracy	±0.5°C at 20°C, ±1.5°C at 360°C
Display	LCD
Sensor	Platinum resistance PT100
Ramp rates	0.5°C - 10°C per min in 0.1°C increments
Temperature memories	8 per tube
Dimensions (w x d x h)	180 x 260 x 300mm
Net weight	3.2kg
Electrical supply	230V, 50Hz, 60W

Ordering Information

Model	Description
SMP3	Melting point apparatus, complete with pack of 100 melting point tubes, closed at both ends
SMP2/1	Glass melting point tubes, closed at both ends, pack of 100

For standard melting points see page 115.



Thank you for reading this data sheet.

For pricing or for further information, please contact us at our UK Office, using the details below.



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Please note - Product designs and specifications are subject to change without notice. The user is responsible for determining the suitability of this product.