

Melting Point Apparatus

Melting point apparatus, digital, SMP10

- Digital selection & display of temperature
- High accuracy
- Easy to operate with plateau facility
- Ideal for educational use
- Supplied with calibration certificate

The SMP10 has been designed with safety and ease of operation in mind making it ideal for use in education. The temperature is selected, measured and displayed digitally making it accurate and negating the need for a thermometer.

Two samples can be tested simultaneously. They are viewed via a magnifying lens with clear observation aided by built in illumination. Extendible back feet allow the unit to be operated at the optimum viewing angle. Full access to the block aids cleaning.

The simple to follow instructions are printed directly on the instrument in most European languages for ease of use. To operate simply select a plateau temperature via the three digit display and press 'start'. The unit quickly heats up and remains at the selected plateau temperature until the user is ready to start the test. Insert the sample tubes and press 'start'. The unit then heats slowly so that the melt can be observed. When the sample is seen to melt, note the temperature on the display. Press 'stop' to end heating and cool the block.

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

Technical Specification

SMP10	
Number of samples	2
Temperature range	Ambient to 300°C
Temperature accuracy	± 1.0°C at 20°C ± 2.5°C at 300°C
Display	Three digit LED
Display resolution	1°C
Sensor	Platinum resistance PT100
Ramp rates	20°C per minute to plateau 2°C per minute to melt
Dimensions, mm (w x d x h)	160 x 220 x 170
Net weight, kg	1.8
Electrical supply	230V, 50Hz, 75W
IP Rating	30

Ordering Information

Model	Description
SMP10	Melting point apparatus, complete with pack of 100 melting point tubes, closed at one end.
SMP10/1	Glass melting point tubes, closed at one end, pack of 100

For standard melting points see page 115.



SMP10



SMP10 fascia