

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.



SMP10

Technical Specification

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 (w x d x h)	160 x 220 x 170mm
Net weight	1.8kg
Electrical supply	230V, 50Hz, 75W

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 facia



Thank you for reading this data sheet.

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



UK Office

Keison Products,

P.O. Box 2124, Chelmsford, Essex, CM1 3UP, England.

Tel: +44 (0)330 088 0560

Fax: +44 (0)1245 808399

Email: sales@keison.co.uk

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