

Melting Point Apparatus, advanced, SMP30 (continued)

Technical specification	
No of samples	3
Temperature range	Ambient to 400°C
Temperature resolution	0.1°C
Display	40 x 4 LCD
Ramp rates	0.5-10°C in 0.1°C increments
Memory	8 results per tube
Date/time display	Yes
Cool down time 350-50°C	~10 mins
Heat up time 50-350°C	~ 6 mins
Electrical supply	120V / 230V, 50Hz,
Language variants	English, German, French, Italian
Temperature units	°C, °F

Cat. No.	Model	Description
MP/15102	SMP30	Melting point apparatus, complete with pack of 100 melting point tubes, closed at both ends.
MP/15304	SMP2/1	Glass melting point tubes, closed at both ends, pack of 100
MP/15106	SMP30/1	Accessory printer with power supply

Automatic Melting Point Apparatus, SMP40



- Maximum temperature 400°C
- Utilises latest technology in digital imaging
- 5.7" colour VGA touch screen display
- Unique split design concept
- Integrated cooling 350°C to 50°C in 10 minutes

The SMP40 automatic melting point uses the latest technology in digital image processing to accurately identify the melt of up to three samples simultaneously. The unit comes with a 5.7" colour VGA display, on which the melt can be watched real time, or the melt video will automatically be saved as an AVI file that can be reviewed later, either on the unit or via PC. The result can also be overridden if for any reason you don't agree with the result calculated by the image processing algorithm.

The SMP40 has an innovative split design concept, the unit can be used as normal or the control side and the melt side can be separated, allowing for the maximum in footprint flexibility. Once the unit has been split the control panel side can be used in two orientations, either landscape or portrait to allow the perfect viewing angle whether you are sat or stood at the bench, the screen automatically changes orientation with the unit.

The unit can store over 200 result files with videos, if required data can be easily transferred from the unit to a flash memory drive or PC via one of the USB connectors.

All units are supplied with a calibration certificate showing individual serial numbers for traceability. The SMP40 conforms to Pharmacopeia and GLP.

Technical specification	
No of samples	3 simultaneously
Temperature range	Ambient to 400°C
Temperature resolution	0.1°C
Display	5.7" Colour VGA touchscreen
Ramp rates	0.1-10°C in 0.1°C increments
Cool down time 350-50°C	~10 mins
Heat up time 50-350°C	~ 6 mins
Flash memory/PC interface	USB
Electrical supply	120V / 230V, 50Hz
Temperature units	°C, °F, °K

Cat. No.	Model	Description
MP/15402	SMP40	Melting point apparatus, complete with pack of 100 melting point tubes, closed at both ends.
MP/15304	SMP2/1	Glass melting point tubes, closed at both ends, pack of 100



MP/15402