



Analog Melting Point Apparatus

MPS11 Series



MPS11-120, shown smaller than actual size.

- ✓ Easy to Operate—Ideal for Educational Use
- ✓ Supplied with Safe Spirit Filled Thermometer
- ✓ Economical Price

The MPS11 has been designed with both safety and ease of operation in mind, making it ideal for use in education. Supplied with a safe, spirit filled mercury free thermometer, the low toxic blue spirit will not pose a health hazard in the event of a breakage. Easy to follow instructions are printed directly on to the apparatus and are available in most European languages.

With a manually adjustable heating rate, the MPS11 will rapidly heat samples up to 20°C (68°F) per minute to the melt temperature and up to the maximum temperature of 250°C (482°F). Accurate readings to within 1°C (34°F) of the melt temperature can be achieved by using a slower heating rate of between 1 and 10°C (50°F) per minute.

Up to 3 samples can be viewed and tested at any one time. Samples are illuminated by a bright white LED and viewed via a magnifying lens. The magnifying lens can be detached for cleaning using the simple to follow instructions printed on to the instrument.

Melting Point Tubes

Made from soda glass, these tubes are easy to seal in a Bunsen flame and cleanly break in two. Supplied in a robust tube holder, pack of 100 tubes. Tube overall length is 100 mm Tube diameter = 1.9 mm (0.07"), inner diameter = 1.3 mm (0.05") and wall thickness = 0.3 mm (0.01")

Specifications

Number of Samples: Up to 3

Temperature Range: 50 to 250°C (122 to 482°F)

Heating Rate: 1 to 10°C (34 to 50°F) per minute

Dimensions: 370 W x 140 D x 110 mm H (15 x 5.5 x 4.3")

Weight: 1.7 kg (3.7 lb)

Electrical Supply: 120/240V, 50/60 Hz, 50 W

IP Rating: 40

To Order		mps11 for Pricing and Details	
Model No.		Description	
MPS11-120		Melting point apparatus, with thermometer and pack of 100 melting point tubes, open both ends, 120V	
MPS11-240		Melting point apparatus, with thermometer and pack of 100 melting point tubes, open both ends, 240V	
MPS11-SFT		Spare thermometer, spirit filled, 0 to 250°C (32 to 482°F)	
MPS11-PLUG		Cooling plug (brass) for rapidly reducing heating block temperature after use	
MPS10-TUBES		Glass melting point tubes, closed at one end, pack of 100	
MPS40-TUBESSEALED		Glass melting point tubes, closed at both ends, pack of 100	
MPS11-TUBESOPEN		Spare glass melting point tubes, open at both ends, pack of 100	

Comes complete with operator's manual.

Ordering Example: MPS11-120, melting point apparatus, closed at one end, 120 Vac.