

Melting Point Apparatus

931



Advantages

- Extremely Useful for Pharmaceutical Labs
- Highly Accurate and Easy to Operate
- Silicon oil-bath and in-built magnetic stirrer for uniform heating
- Glare free illuminator and large magnifier for stain free observations

1 Year
Warranty

Melting Point Apparatus Model 931 is designed for accurate measurement of melting points and for checking the melting range of the solid samples.

The apparatus consists of a silicon oil bath of about 200 ml capacity, covered with teflon cover, fitted with a special type of oil immersion heater having three holes for holding the capillaries, one for boiling point tube and one for thermometer. The apparatus consists of an in-built magnetic stirrer, with indicator for precisely adjusting the rate of heating of silicon oil-bath, an On/Off switch, a pilot lamp, with magnifier, a thermometer, glare free background illuminator and a high/low range temperature selector switch.



Melting Point Apparatus

Technical Data

STIRRER SPEED	Controllabel with front knob
TEMPERATURE °C	0-300 °C
CAPILARY GLASS TUBE	12mm long, 0.8 to 1.1mm internal diameter
AMOUNT OF SAMPLE	Fine powder properly dried at a temperature considerably below its melting point, 4 to 6 mm high
OIL-BATH	Silicon oil bath beaker - 200 ml capacity with teflon cover fitted with oil immersion heater. It is having three holes for holding the capillaries, one for boiling point tube and one for thermometer
POWER	230 ± 10% VAC, 50 Hz
DIMENSION	235 x 285 x 160mm (LxBxH) (Approx.)
WEIGHT	8.7 Kg. (Approx.)
ACCESSORIES	<ul style="list-style-type: none">• Box of Capillaries• Boiling Point Tubes - 2Nos.• Thermometer with range 0-360 °C• Magnetic Capsule• Bottle of Silicon Oil• Glass Cylindrical Beaker with Teflon cover fitted with immersion heater

Specifications are subject to change due to continuous improvements

Product Range

Semi Auto Analyser, Single Beam and double Beam UV/VIS Spectrophotometer, Flame Photometers, Heamoglobin Meter, Digital pH, Meter, Digital Photo Fluorometer, Digital Conductivity Meter, Digital Photo Colorimeter, Turbidity Meter, Auto KF Titrimeter, Digital DO Meter, Digital Conductivity Meter, Digital TDS Meter, Temperature Indicator, Digital Telethermometer, Water & Soil Analysis Kit, Digital Salinity Meter, Digital Colony Counter, Portable pH Meter, Portable Conductivity Meter, Portable TDS Meter, Portable DO Meter, Digital Tablet Disintegration Apparatus, Digital Friability Test Apparatus Tablet Dissolution Test Apparatus, Melting Point Apparatus, Student Microscope, Binocular microscope, Medical Microscope, Co-Axial Microscope.