

Product Name :
Melting Point Apparatus

Product Code :
ELABANALYTICAL0016



Description :

Melting Point Apparatus

Technical Specification :

Extremely Useful for Pharmaceutical Use
Highly Accurate & Easy to Operate
Silicon Oil-bath and In-built Magnetic Stirrer for Uniform Heating
Glare-free Illuminator and Large Magnifier for Stainfree Observation

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

The apparatus consists of silicon bath of about 200 ml capacity, covered with Ptfе 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 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, a glare free background illuminator and a high/low range temperature selector switch.

Temperature: 0 - 300 °C

Capillary Glass Tubes: 12 mm long, 0.8 - 1.1 mm internal diameter

Boiling Point Glass Tubes: 75 mm long glass tube

Sample Amount: Fine powder properly dried at a temperature considerably below its melting point 4 - 6 mm high

Oil-Bath: Silicon oil-bath beaker 200 ml capacity with Ptfе cover fitted with oil immersion heater. It has three holes for holding the capillaries, boiling point tube and thermometer

Stirrer Speed: Controllable with front knob

Power: 230 V \pm 10%, 50 Hz. AC

Accessories: Box of Capillaries, Boiling Point Tubes - 2 Set, Thermometer with Range 0 - 360 °C, Magnetic Capsule, Bottle of Silicon Oil, Glass Cylindrical Beaker with Ptfе cover for beaker fitted with immersion heater, Operation Manual, Dust Cover

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