



Digital Melting Point Apparatus



The instrument basically consists of a Miniature Furnace with Automatic Ramp Rate of Heating, Microprocessor Controlled, Visual facility is provided through Magnifying display of melting operation under front & rear illumination controlled (Light intensity adjustable) with the help of magnifying glass. Melting point reading put on hold as soon as the melting of sample visualize, by activating to press the "MELT" key. The instrument gives audio & visual indications & reading is protected from power failure till "RESET" is not activated. The Furnace becomes off and the cooling fan ON automatically. Melting Temperature of the sample remains displayed on the panel till the "RESET" switch is operated. Suitable for Dark Coloured / all kind or any coloured Samples. Temp. effect on viscosity / flow points and molecular weights by Rast's method with suitable accessories can be measured.

NOTE:- Suitable for any dark/colored sample useful for Pharmaceutical Industries, Chemical, Plastic Molding Industries Etc.

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Technical Specifications:-

Temp. Range	Ambient to 350°C
Display	3 Digits LED
Resolution	1°C
Temp. Sensor	Grade "A" PT-100, Platinum Sensor
Sample Capacity	3+1 provision for Samples (one 6mm) Test Tube, for the determination of Boiling Point & Melting Point.
Application Area	Miniature Furnace Module
Application	Suitable for Boiling & Melting Point
Melting View	Front & Rear Glare-free illumination and Large Magnifier for Stain free Observation of melting operation, Melting / Boiling point reading is to be hold on by activating the "HOLD" key & reading is protected from power failure till "RESET" is not activated.
Heating Control	Microprocessor controlled closed loop PID, Automatic Ramp Rate of Heating
Ramp Rates	2°C to 10°C/minute (Selectable Auto-Low-High),
Power Supply	230 V \pm 10% AC, 50 Hz.
Dimension	270X330X160 mm (LXBX)
Weight	8.5 KG

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