

935 & 934

Digital Melting Point Apparatus



1 Year Warranty

Advantages

- Extremely Useful for Pharmaceutical Industry
- Highly Accurate & Easy to Operate
- 4 Digit Seven Segment Red LED Display
- Digital Readout for Temperature (0.1°C in model 935 & 1°C in model 934)
- Silicon oil-bath and in-built magnetic stirrer for uniform heating
- Glare free illuminator and large magnifier for stain free observations

Melting Point Apparatus with 4 digit LED display 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 a teflon cover with 5 holes, fitted with a special type of oil immersion heater and having three holes for holding the capillaries, one for boiling point tube and one for the thermometer.

The apparatus consists of an in-built magnetic stirrer, an electronic controller with indicator for precisely adjusting the rate of heating of silicon oil-bath, an ON/OFF switch, a pilot lamp, a magnifier, glare free background illuminator and a High/Low range temperature selector switch and digital temperature indicator with PT-100 RTD sensor.

The 'Start' switch is used to start the measurement of melting point. User can stop the process of measurement using 'Stop' switch after the instrument reaches the melting point of the sample. The display will always show the last temperature where 'Stop' switch was pressed in last measurement. Clear switch is used to clear the display to zero.



Digital Melting Point Apparatus

Technical Data

| | |
|----------------------------|--|
| TEMPERATURE °C | 0-300 °C on a 4 digit LED display |
| RESOLUTION | 0.1 °C in model 935, 1 °C in model 934 |
| 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 |
| STIRRER SPEED | Controllable with front knob |
| POWER | 230V ±10% AC, 50 Hz |
| DIMENSION | 315 x 290 x 230mm (LxBxH) (Approx.) |
| WEIGHT | 12 Kg. (Approx.) |
| ACCESSORIES | <ul style="list-style-type: none">• Box of Capillaries• Glass Tubes for Liquid Sample (6 x 75 mm) - 2Nos.• Magnetic Capsule• Bottle of Silicon Oil - 250 ml• Glass Cylindrical Beaker with Teflon cover fitted with immersion heater• Instruction Manual• Dust Cover |

Specifications are subject to change due to continuous

Product Range

Semi Auto Analyser, Double Beam UV/VIS Spectrophotometer, Single Beam UV/VIS Spectrophotometer, Flame Photometer, Hemoglobin Meter, Total Photo Colorimeter, pH Meter, Conductivity Meter, TDS Meter, DO Meter, Salinity Meter, Turbidity Meter, Nephelometer, Colony Counter, Karl Fischer Moisture Titrator, Photo Fluorometer, Dissolution Test Apparatus, Disintegration Test Apparatus, Friability Test Apparatus, Melting Point Apparatus, Telethermometer, Temperature Indicator, Water & Soil Analysis Kit, Portable pH Meter, Portable Conductivity Meter, Portable TDS Meter, Portable DO Meter, Student Microscope, Binocular microscope, Co-Axial Binocular, Medical Microscope