



## Microprocessor Melting Point Apparatus



Automatic Ramp Rate Heating. The unit consists of in-built Motorized stirrer with variable speed control, glare free background illuminator and cylindrical silicon oil bath. The silicon oil bath consists of a plain cylindrical container of toughened glass having capacity of about 200 ml. It is top covered with a Teflon cover fitted with special type of oil immersion heater, having three small holes for holding the capillaries and 6mm hole for Test tube Sample, for the determination of boiling point of any liquid. The apparatus can be used for determination of boiling points, Temp. effect on viscosity/ flow points and molecular weights by Rast's method with suitable accessories.

**Note: - Suitable for Dark Colored / any colored samples.**

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# Apex Industrial Electronics

*symbol of quality*



An ISO 9001:2015, ISO 13485: 2016

CE CERTIFIED



Temp. Range	Ambient to 275°C
Display	4 Digits
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	Silicon Oil Bath (Made of High Temp. Toughened Glass)
Motorized Stirring	A high-quality Motorized Stirring instead of <b>Magnetic Stirring (due to de-magnetization of Magnetic stirring Bead in high Temp. Oil) for uniform Temp.</b>
Application	Suitable for Boiling & Melting Point
Melting View	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	Auto Adjustable 2°C to 10°C/minute (through selection, Low-Auto-High)
Power Supply	<b>± 10% AC, 50 Hz.</b>

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