

MICROPROCESSOR MELTING POINT APPARATUS

109



New

SALIENT FEATURES

- ✓ 128x64 Graphical LCD display with backlight
- ✓ Icon based navigation menu for ease of operation
- ✓ Selectable heating modes (slow, medium and Rapid)
- ✓ Storage up to 1000 results
- ✓ Quick Cooling with Integrated fans
- ✓ Audio and Visual Indicators for System Status
- ✓ Quick Cooling with integrated Fans

ACCESSORIES

- Capillaries I Box.
- Cleaning Tool I Nos.
- USB Cable I Nos.
- Software CD I Nos.



TECHNICAL SPECIFICATIONS

- ✓ No. of samples: 1 sample at a time
- ✓ Temperature Range: Ambient to 300°C
- ✓ Temperature Accuracy: + 10C at 20 0C, +2.50C at 2750C
- ✓ Temperature Sensor: Platinum Resistance PT100
- ✓ Selectable heating modes (Slow, Medium and Rapid)
- ✓ Display: 128x64 Graphical LCD Display
- ✓ No of keys: 4
- ✓ Memory: Storage upto 1000 results
- ✓ Power: 230 V AC +10%, 50 Hz

AUTO MELTING POINT APPARATUS

110



TECHNICAL SPECIFICATIONS

- ✓ TEMPERATURE RANGE Ambient to 3000C
- ✓ TEMPERATURE ± 10C at 200C
- ✓ ACCURACY ± 2.50C at 3000C
- ✓ TEMPERATURE SENSOR Platinum Resistance PT 100
- ✓ RAMP RATE Programmable at Scale of 1-10
- ✓ PLATEAU TEMPERATURE Programmable
- ✓ DISPLAY 4 Digit seven segment LED Display
- ✓ DISPLAY RESOLUTION 1°C
- ✓ KEYBOARD Soft Touch Membrane Keys
- ✓ STATUS LED'S Plateau, °C , Ramp, Run, End, Ready &

ACCESSORIES

- ✓ Easy to Operate
- ✓ Programmable Plateau Temperature
- ✓ Programmable Ramp Rates
- ✓ 4 Digit Seven Segment LED Display
- ✓ Quick cooling with integrated fan
- ✓ Audio Visual Indicators for System Status

DIGITAL MELTING POINT APPARATUS

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TECHNICAL SPECIFICATIONS

- ✓ DISPLAY 4 Digit Seven Segment LED display
- ✓ TEMPERATURE 0-300 0C
- ✓ RESOLUTION 1°C
- ✓ CAPILLARY GLASS TUBE 100mm long, 0.8 to 1.1mm internal diameter
- ✓ BOILING POINT 6x75mm Glass Tube
- ✓ SAMPLE SIZE 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
- ✓ WEIGHT 6 Kg. (Approx.)

ACCESSORIES

- ✓ Box of Capillaries
- ✓ Glass Tubes for Liquid Sample (6 x 75 mm) - 2 Nos.
- ✓ Magnetic Capsule
- ✓ Bottle of Silicon Oil - 250 ml
- ✓ Glass Cylindrical Beaker with Teflon cover fitted with immersion heater
- ✓ Instruction Manual, Dust Cover