MICROPROCESSOR

MELTING POINT APPARATUS

109

TECHNICAL SPECIFICATIONS

No. of samples	1 sample at a time
Temperature Range	Ambient to 300°C
Temperature Accuracy	± 1°C at 200°C & ±2.5°C at 275°C
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

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	1 Box
Cleaning tool	1 Nos.
USB Cable	1 Nos.
Software CD	1 Nos.

DIGITAL

MELTING POINT APPARATUS
SILICON OIL BASED

115

TECHNICAL SPECIFICATIONS

DISPLAY	4 Digit Seven Segment LED display
TEMPERATURE	Ambient to 275°C
RESOLUTION	1°C
CAPILLARY GLASS TUBE	100mm long, 0.8 to 1.1 mm Internal diameter
BOILING POINT	6x75mm glass tube
SAMPLE SIZE	Fine powder properly dried
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 POWER	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

Laboholic