

**Technical specification of Digital Melting Point Apparatus**

**Technical Features:**

- Simple instructions and messages on 240 x 64 graphic display.
- User friendly matrix key board.
- USB (QWERTY) Computer key board for quick & easy data entry.
- Facility to select Melting Point or Boiling Point test type.
- Memory provision for storage of 99 Product names with their expected Melting Point.
- Memory provision for storage of 25 Product names with their expected Boiling Point.
- Provision for Unknown/New product evaluation.
- Silicon oil bath
- Validation Program for Standard samples.
- 8 Operator names can be stored.
- Different levels of Password protection.
- Memory to store around 100 test records.
- On line and Off line printing facility with date and product selection.
- Selection of Stirrer speed through keyboard.
- Facility to enter user Company's name and Instrument number to be printed on test report.
- Equipped with colour camera and colour monitor to observe Melting Point with ease.
- Facility for testing UNKNOWN sample.

**Technical Specifications:**

- Temperature range: +15 °C above Room temperature to 300 °C.
- Accuracy: 0.3 – 0.5 °C.
- Temperature resolution: 0.1 °C.
- Heating rate: 1 °C/minute (Starts from set temperature minus (-) 10 °C).

- No of capillary tubes: The Programme can be set for 1 capillary & 3 capillary can be kept for Melting Point test and 1 Fusion Capillary for Boiling Point.
- Display: 240 x 64 Graphic LCD.
- Input: 4 x 4 matrix Keyboard + USB (QWERTY) Keyboard.