



MELTING POINT APPARATUS

A melting point apparatus is a scientific instrument used to determine the melting point of a substance.

MELTING POINT APPARATUS, Model: VMP - AD



Registered Office: Survey No. 81, Plot No. 16-17, Junagadh Road, Near Lion's School, Jetpur - 360370, Gujarat, India.

Branch Office: 401, Vithal Bhavan, 1st Floor, Chira Bazaar J.S.S. Road, Mumbai – 400 002, India.

Tel: +91 022 66370811, +91 022 66370812 **Email:** info@alakhealthcare.com **Website:** www.alakhealthcare.com



Features

- Melting Point of three samples can be determined at the same time.
- Boiling Point can be determined for one sample.
- Graphical representation with Time V/S. Temperature.
- 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.
- Validation Program for Standard samples.
- 8 Operator names can be stored with INDIVIDUAL PASSWORD.
- 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 customize test reports with user Company's name and Instrument number.
- Equipped with camera and color monitor to observe Melting Point withease.

Technical Details:

- Temperature range: Room temperature +2 °C - 300 °C.
- Accuracy: Better than 0.5 °C.
- Temperature resolution: 0.1 °C.
- Heating rate: 1 °C/minute or 0.5 °C/minute. (Starts from set temperature – 10 °C).
- Power Supply: 230V, 50Hz, 500 W.
- Capillary: length -125 mm; Diameter: 1.4 – 1.6 mm.
- Display: 240 x 128 Graphic LCD.
- Input: Tactile Keyboard + PS - 2 keyboard.
- Compatible with DOT MATRIX printer.
- Optional special software for transferring data to local PC.

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MELTING POINT APPARATUS, Model: VMP – AD + P

Unit same as Model: VMP-AD, provided with Printer.

MELTING POINT APPARATUS, Model: VMP - CM



Features

- Simple instructions and messages on 240 x 64 graphic display.

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- User friendly key board.
- PS-2 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.
- 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 customize test reports with user Company's name and Instrument number.
- Equipped with color camera and color monitor to observe Melting Point with ease.
- Facility for testing UNKNOWN sample.

Technical Details:

- Temperature range: Room temperature +2 °C - 300 °C.
- Accuracy: 0.3 – 0.5 °C.
- Temperature resolution: 0.1 °C.
- Heating rate: 1 °C/minute (Starts from set temperature – 10 °C).
- No of capillary tubes: 1 for Melting Point/ 1 for Boiling Point.
- Display: 240 x 64 Graphic LCD.
- Input: 4 x 4 Tactile Keyboard + PS - 2 Keyboard.

MELTING POINT APPARATUS, Model: VMP –CM + P

Unit same as Model: VMP-CM, provided with Printer.

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