PROGRAMMABLE MICROCONTROLLER BASED

MELTING POINT APPARATUS

Designed to determine Melting Point with high accuracy.

VMP-CM

- Microcontroller based circuitry and tactile keyboard for programming.
- Program sets fast heating initially. Heating rate is adjusted automatically and precisely maintained near melting point.
- Equipped with colored monitor and camera for precise and accurate observations.
- The camera magnifies image of capillary and sample inside, so that minute physical changes can be observed at a time, in a group on the colored monitor
- User friendly 240 x 64 Graphic display.
- PS-2 /QWERTY key board for quick & easy data entry.

- 'Melting range of samples can also be determined accurately.
- Facility to test unknown sample.
- Suitable to determine boiling point of liquids.
- Built-in validation facility.
- Facility to store 99 product names with their expected melting point and 25 product names with expected boiling point and 100 test records.

VMP-PM

This model is same as VMP-CM, without colored monitor and camera.