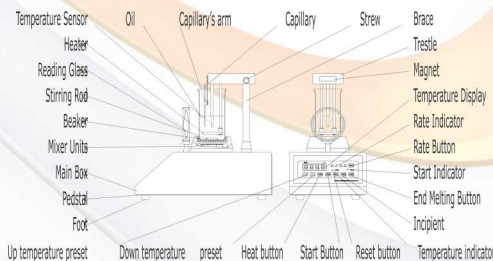


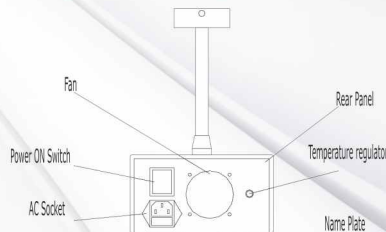
# Melting Point Apparatus

**VinSyst Melting Point Apparatus VMP Series** measures the Melting Point of a substance i.e. the Temperature at which the state of the substance changes from Solid to Liquid. The actual Melting Point is an indication of the purity of a substance and hence an ideal tool for the Quality Control of **Medicines, Perfumes, Dyestuff and other Organic Crystalline Substances.**

**VMP Series**



(Side & Front View)



(Rear View)

**Specifications :**

Model	VMP-1	VMP-D / VMP-A
Melting Range	50~270°C	50~300°C
Accuracy	± 0.5°C above 200°C ± 1.0°C below 200°C	± 1.0°C
Usage Temperature	15~35°C	15~35°C
Temperature Range	50~260°C	N. A.
Readability	0.1°C	N. A.
Display	Bright LED	Bright LED / Analog
Oil Bath	Methyl Silicone Oil	N. A.
Oil Bath Cup	250ML High Breaker	N. A.
Heating Rate Per Min.	(0.5, 1.0, 1.5, 3.0)	(1.0, 2.0, 4.0, 6.0)
Accuracy of Rate	≤10%	≤10%
Power of the Heater	200W	100W
Power	220V/50Hz/200W	220V/50Hz/100W
Dimensions (mm)	320 x 180 x 310	190 x 120 x 200
Weight	6kg	3kg

**Optional Accessory :** IQ, OQ, PQ Documents

**Features of VMP-1**

1. Testing the Temperature with High-Precision Sensor and amends Nonlinear Error Automatically.
2. Uses AFCC Technology for High Accuracy in controlling temperature and Negligible Linear error in Heating Speed.
3. Memory to store Present Data and Melting Point Data.
4. Auto Magnetism Stirrer, with the Bath Oil even in Temperature.
5. Auto-Present Temperature, Auto-Heat, Displays Preset and Real-Time Data Alternately.
6. Inbuilt Auto-Test, Auto-Diagnose, Auto-Alarm.
7. Measurement of 2 samples Simultaneously.
8. Automatic Alarm when Temperature raises beyond 270°C.
9. Digital Display of Initial and Final Melting Points.

**Features of VMP-D / VMP-A**

1. Test Temperature with Standard Mercury Thermometer.
2. Adjust Heating Voltage by a Key Stroke / Knob. (VMP-D / VMP-A)
3. Display Voltage with Digital/Analog Voltmeter.
4. Observe Melting Sample by magnifier.
5. Measurement of 3 Samples Simultaneously.