

YRT-3 MELTING POINT TESTER

YRT-3 Melting Point Tester has the capillary tube as the sample tube and transferring heat mode by liquid, microcomputer control to heat, reliable performance, high precision on temperature control, accuracy measurement, good repeatability and easy operation. YRT-3 Melting Point Tester is used to detect the melting point of organic crystallite substances with high degree of accuracy, widely applied in manufacture and R&D of many fields, such as pharmaceutical industry, chemical reagent, spicery industry, dyestuff industry, and etc. The design of this instrument is in full compliance with The People's Republic of China Pharmacopoeia law about the melting point determination of instruments and appliances with the provisions and requirements. It also compliance to USP,EP, JP.

Features

- Record values of the beginning of melting point and the end of melting point. Two melting point values can be recorded
- Temperature preset function
- Test preset value saved for next run
- Beep to prompt at one minute ensuring liquid temperature steady after preset temperature is reached
- When the sample melt, the value of the beginning or the end melting point can be recorded by melting point key of the beginning or the end.
- Three working states: reset state, ready state, test state
- Beginning key and end key can record melting point of two samples. The beginning melting point record the value of a sample, The end melting point record the value of another sample

Specification

- Temperature Range: Room temperature to 270°C
- Temp Rising Rate: 0.5°C/min, 1.0°C/min, 1.5°C/min, 2.0°C/min, 3.0°C/min
(Other rates are optional on request)
- Deviation of Linear Rising Rate: <5%
- Measuring Accuracy: $\leq \pm 0.5^{\circ}\text{C}$, $< 200^{\circ}\text{C}$;
 $\leq \pm 1.0^{\circ}\text{C}$, $> 200^{\circ}\text{C}$
- Temp. Preset: Room temperature to 250°C
- Temp. Transferring Media: Liquid cymene silicon
- Temp. Transferring Container : 250ml beaker
- Environment Temperature Requirement: $20^{\circ}\text{C} \pm 10^{\circ}\text{C}$
- Power Supply: 220V \pm 10%, 50 Hz, <200W
- Dimension: 360mm x 580mm x 280mm
- Weight: 6kg



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