

Melting-Point Apparatus Series

WRS-3A Auto / Visual Melting point Apparatus



Characteristics

- To be used in production of medicines, dye-stuffs, perfumes and other organic crystal substances.
- Observing the process through visual window or choose auto mode to measure.
- Use PID to control the temperature.
- It can measure 3 samples at the same time and calculate the average automatically.
- Color Touch Screen.

Specifications

Parameters/Model	WRS-3A		
Measuring range	Room temperature -360 °C		
Measuring mode	Auto / Visual		
Resolution	0.1 °C		
Linear heating-up rate	0.1°C/min -10°C/min		
Accuracy	$\leq 200^{\circ}\text{C}:\pm 0.5^{\circ}\text{C}$; $> 200^{\circ}\text{C}:\pm 0.8^{\circ}\text{C}$		
Repeatability	0.3°C(heating rate: 1.0°C/min)		
Linear heating rate error	$\pm 10\%$		
Number of capillary	3		
Capillary dimensions	Outer diameter: $\varnothing 1.4\text{mm}$	Inner diameter: $\varnothing 1.0\text{mm}$	Length: 90mm
Height of sample	3mm		
Display	5.6 inch color touch screen		
Calibration method	Multi-point calibration		
Data storage	100 sets		
Interface	U disk , USB , RS232		
Power supply	220V ± 22 V , 50Hz ± 1 Hz , 180w		
Package Dimension	500mm $\times$ 430mm $\times$ 370mm		
Weight(Gross)	13kg		