



WRS-2C / WRS-1C Melting-Point Apparatus

Characteristics

- Measurement of melting point is one of the important methods of measurement of purity
- To be used in production of medicines, dye-stuffs, perfumes and other organic crystal substances
- Use PID & PWM to control the temperature
- Automatically records the melting curve
- It can calculate average value of initial and final melting points automatically
- Touch Screen
- USB and RS232
- WRS-2C can measure 3 samples at the same time

Specifications

Parameters/Model	WRS-2C	WRS-1C
Measurement range	room temperature ~ 360 °C	room temperature ~ 400 °C
Minimum digital display	0.1 °C	0.1 °C
Linear heating-up rate	0.1 °C ~20 °C /min	0.1 °C ~20 °C /min;
Accuracy	≤200 °C: ± 0.4°C; > 200 °C: ± 0.7°C	≤200 °C: ± 0.4°C; > 200 °C: ± 0.7°C
Repeatability	0.3 °C(heating rate: 1.0°C/min)	0.3 °C(heating rate: 1.0°C/min)
Size of the capillary	φ 1.4mm(outside diameter) φ 1.0mm(inside diameter); Length: 90mm	φ 1.4mm(outside diameter) φ 1.0mm(inside diameter); Length: 90mm
Number of capillary	3	1
Loading height of the sample	3mm	3mm
Data storage	1000 set	1000 set
Optional accessories	Printer(RD-TH32-SC)	Printer(RD-TH32-SC)
Display	7 inch touch LCD	7 inch touch LCD
Interface	RS232/USB	RS232/USB
Dimension	580mm x 430mm x 310mm	500mm x 430mm x 310mm
Weight(gross)	13kg	11kg