

Melting Point Apparatus

Colorless and color Sample Manual Melting Point Apparatus

Application:

This machine is used to determine the melting point of a substance.

It is widely used in the chemical industry and pharmacy research.

Such as measurement of spices, dyes and measurement of other organic crystal substances.

Features:

- * 8-inch LCD touch screen.
- * 720P HD camera, 8X optical zoom.
- * Linear heating rate 0.10 °C-20.00 °C adjustable.
- * With USB interface can connect to a printer.



Technical Parameters:

Model	BMP420
Temperature range	RT~300°C
Temperature accuracy	0.4°C (< 200°C); 0.7°C (≥200°C)
Temperature resolution	0.1°C
Temperature repeatability	0.2°C at 0.2°C/min
Linear heating up rate	0.1 to 20°C/min
Display	8.1 inch LCD touch screen
Standard capillary diameter	Internal dia. 1.0mm; External dia. 1.4mm
Capacity per batch	4 pcs
Interface	USB,Wire or wireless
Power consumption	120W
Power supply	110V~240V,50/60HZ
External size(W*D*H)	305*220*230mm
Package size(W*D*H)	470*345*390mm
Gross weight	8kg

Digital Melting Point Apparatus



BMP-2C/1C



BMP-1B

Features for BMP-2C/1C:

- * PID & PWM controller.
- * LCD touch screen for BMP-2C/BMP-1C.
- * USB & RS232 interface.
- * The melting curve can be recorded automatically.
- * It can calculate average value of initial and final melting points automatically.

Features for BMP-1B:

- * Photoelectric test.
- * LCD display.
- * RS232 interface.
- * Real time melting curve.

Technical Parameters:

Model	BMP-2C	BMP-1C	BMP-1B
Measuring Range	RT~360°C	RT~400°C	RT~320°C
Resolution	0.1°C		
Linear heating-up Rate	0.1°C~20°C/min		0.2, 0.5, 1.0, 1.5, 2.0, 3.0, 4.0, 5.0°C/min
Temperature Accuracy	0.4°C (≤200°C), 0.7°C (>200°C)		
Repeatability	0.3°C		
Capillary Size	φ1.4mm(outside diameter), φ1.0mm(inside diameter), 90mm (height)		
Sample Loading Height	3mm		
Data Storage	1000 sets		/
Printer	RD TH-32C(Standard)	RD TH-32C(Optional)	
Power Supply	AC110/220V±10%, 50/60Hz		
External Size(W*D*H)	360*290*270mm		
Package Size(W*D*H)	580*430*310mm	500*430*310mm	
Gross Weight	13kg	11kg	