

Lab & Medical Equipment



Melting Point

BIOBASE GROUP

Add: No.9 Gangxing Road, High-tech Zone,
Jinan City, Shandong Province, China
Tel: +86-531-81219803 Fax: +86-531-81219804
E-mail: export@biobase.com
Website: www.biobase.cc / www.biobase.com



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.

Featres:

- * 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	50~300℃
Temperature accuracy	0.4℃ (< 200℃); 0.7℃ (≥200℃)
Temperature resolution	0.1℃
Temperature repeatability	0.2℃ at 0.5℃/min
Linear heating up rate	0.1 to 20℃/min
Display	8 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	150W
Power supply	AC220V±10%, 50/60HZ; AC110V±10%, 60HZ
External size(W*D*H)	340*200*200mm
Package size(W*D*H)	475*345*390mm
Gross weight	8kg

Digital Melting Point Apparatus



BMP-2C/1C

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.

Technical Parameters:

Model	BMP-2C	BMP-1C	BMP-1B
Measuring Range	RT~360℃	RT~400℃	RT~320℃
Resolution	0.1℃		
Linear heating-up Rate	0.1℃~20℃/min		0.2, 0.5, 1.0, 1.5, 2.0, 3.0, 4.0, 5.0℃/min
Temperature Accuracy	0.4℃ (≤200℃), 0.7℃(>200℃)		
Repeatability	0.3℃		
Capillary Size	φ1.4mm(outside diameter), φ1.0mm(inside diameter), 80mm (height)		
Sample Loading Height	3~5mm		>3mm
Data Storage	1000 sets		/
Optional Accessories	Printer		
Power Supply	AC110/220V±10%, 50/60Hz		
External Size(W*D*H)	410*290*110mm	330*290*110mm	330*290*110mm
Package Size(W*D*H)	576*428*306mm	492*428*305mm	496*428*306mm
Gross Weight	13kg		11kg



BMP-1B

Features for BMP-1B:

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