



Melting Point Apparatus LDMP-A21

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Overview

Melting Point Apparatus LDMP-A21 offers a broad temperature range from room temperature to 420°C. It has an adjustable heating rate from 0.1°C/min to 20°C/min. It ensures accuracy and repeatability by PID temperature control within a fully enclosed furnace. The HD video captures the melting process and enables real-time spectrum display. Our apparatus auto-records melting points and supports printing via an integrated printer.

Features :

- Automated one-key measurement function
- Processes 4 samples simultaneously
- Automated melting range recording
- Large HD color touchscreen display
- Multiple export formats

Specifications :

Temperature Range	Room temperature to 360°C
Detection Method	Fully automatic (compatible with manual)
Processing Capacity	4 pcs per batch
Temperature Resolution	0.01°C
Heating Rate	0.1°C to 20°C
Temperature Control Mode	PID precise temperature control, fully enclosed design of the furnace
Accuracy	±0.3°C (<250°C); ±0.5°C (>250°C)
Repeatability	Melting point repeatability ±0.1°C at 0.1°C/min
Magnification	9 times
Display Method	10.4-inch FTF color touchscreen
Data Storage	32 GB
Graph Storage	200 groups
Printing Method	WIFI, serial port
Export Formats	PDF, EXCEL
Data Interface	USB, RS232, SD, Wi-Fi, RJ45, U disk
Small Capillary Size	OD: Φ1.3mm; ID: Φ1.1mm
Power Consumption	120W
Power Supply	110 to 230V, 50/60Hz
Weight	4.1 kg

Applications :

Our Melting Point Apparatus is used in laboratories and research facilities for accurately determining the melting points of substances, which is essential for characterizing and analyzing their purity and physical properties.

Standard Accessories :

Automatic melting point Apparatus host

Power adapter

Power link line

Capillary × 2

U disk

Seven-word screw handle



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