



MELTING POINT APPARATUS

LDMP-A20

Melting Point Apparatus LDMP-A20 is PID microprocessor temperature control unit with fully automatic detection mode. Combines with high-precision temperature control technology and high definition video camera technology, which not only provides users with accurate, stable and reliable test results, but also brings users efficient and convenient test experience. High definition video can easily and clearly see the whole process of sample melting, automatic detection real-time map display, and convenient use to accurately measurement of samples melting point and melting distance.

Features :

- ❑ Designed with automatic integration to realize the function of one key measurement
- ❑ High definition video instead of traditional visual microscope
- ❑ It deal with four samples at a time
- ❑ The data can be printed directly by printer
- ❑ Design with PID precise temperature control and furnace body fully closed
- ❑ Automatic recording of melting range, initial melting and final melting
- ❑ Automatically upgraded U disk software without returning to the factory
- ❑ Automatically judge color samples
- ❑ Equipped with USB, network Wi-Fi interface, RS232 and tamper proof function
- ❑ Designed with 8 inches high-definition color screen

Application :

Melting Point Apparatus is used in Chemical, pharmaceutical, food and drug manufacturing and research industry for quality and testing purpose. It is also used in cosmetics, dye and paint production and testing plants, laboratories.

Specifications:

Model	LDMP-A20
Temperature range	Room temperature to 350 °C
Detection mode	Fully automatic (compatible with manual)
Processing capacity	4 / batch
Judgment ability	Automatically judge color samples
Capillary size	Outer diameter 1.4 mm, Inner diameter 1.0 mm
Temperature resolution	0.1 °C
Temperature control mode	PID precise temperature control
Heating rate	0.1 °C / min or 20 °C / min
Accuracy	± 0.3 °C (< 200 °C) , ±0.5°C (>200°C)
Repeatability	Melting point repeatability ± 0.1 °C at 0.1 °C / min
Exploration mode	Yes
Magnification	≥ 10
Video function	Take photos
Video playback	With / with time watermark
HD camera	Observe the melting state of sample
Storage space	16 g hard disk, ≥ 2G memory
Test method	Yes
Atlas preservation	200
Continuous shooting time	50 minutes
Experimental scheme	50 sets
Display mode	8 inch high-definition color screen

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Data interface	USB, network Wi-Fi interface, RS232
Printer	Laser printer or thermal / needle type (compatible)
Power consumption	120 W
Power supply	220 V, 50 Hz