

## MP360 Automatic Slip Melting Point Apparatus

Slip melting point is an important physical property of greases and waxes. In the field of chemistry, melting point measurement is the basic means of identifying the nature of a substance, and is one of the important methods for determining parameters such as purity, content, and type.

Hanon MP360 Automatic Slip Melting Point Apparatus is independently developed for such samples, greases and waxes. Integrated with Android system and video technology, it can display temperature curve, optical signal and real-time video intuitively and conveniently. It allows to observe the solid-liquid change, color change and fine sliding through the video. The unique layered insulation design not only effectively resists external environmental interference, but also ensures stable and accurate, and it has a faster heating and cooling rate to reduce waiting time. The instrument can be widely used in the fields of chemistry, industry, food, cosmetics, etc. It is one of the necessary instruments for producing oils and waxes and measuring the slip melting point of other amorphous materials.



### Characteristics

- Adopt a 8-inch touch screen;
- 720P HD camera and 8x optical magnification to achieve sample detail magnification and sample detail changes are clearly visible;
- Heating rate can be adjusted from 0.1 to 20°C;
- Can connect to external recirculating water bath to guarantee testing temperature; Achieve to store testing methods, history results, videos and curves;
- May store at longest 10000 minutes video data;
- Optional to connect printers, like Thermal Printer; Laser Printer; Wireless Printer; Can generate testing reports in PDF or Excel version;
- Built-in data retrieval function for quick check-up; Through multi-point calibration method to do calibration; Compliant FDA 21 CFR Part 11.

### Technical data

Display Screen	8-inch touch screen
Temperature Range	RT - 100°C
Temperature Resolution	0.1°C
Temperature Repeatability	0.2°C (at 0.20°C/min)
Temperature Accuracy	±0.3°C
Heating Rate	0.1°C--20°C
Capillary Size	ID 0.9~1.1mm; Wall thickness 0.10~0.15mm
Testing Capacity	3pcs/batch
Account Management	Yes
Communication Ports	USB×3,RS232, Wi-Fi, RJ45
Manual Testing	Available
Automatic Testing	Available
Video Playback	Available
External Circulating Water Bath Interface	Available
Data Retrieval Function	Available
Atlas Storage Capacity	32G
Video Storage Capacity	10000 minutes
Calibration Method	Multi-point Calibration
FDA 21 CFR Part 11	Compliant
Optional Printer Types	Thermal Printer; Laser Printer; Wireless Printer
Power Supplies	100-240VAC 50Hz/60Hz
Size	305*220*230mm
Power	120W