

Friendly user interface

Dual color display

Innovative double true-color VGA touch screen is easy for operation and observation



Easy for observation

Real time video displayed in 7 x magnification, it's easy to watch the melting procedure.

Completely in line with pharmacopeia and GLP requirements.

MP420/MP430 MP450/MP470 Auto Melting Point Apparatus

Hanon MP420/MP430/MP450/470 Automatic Melting Point Apparatus perfectly integrate video technology into melting point measuring. It not only provides users with reliable melting point test result, but also intuitively displays temperature curve and real-time video image, and achieves the function of save, replay the video etc. It provides better help for users to observe melting process of sample.

The instrument can be widely used in the chemical industry and pharmaceutical research. It is the essential equipment for production of drugs, spices, dyes, and measurement of other organic crystal substances.



Characteristic

- Automatic Video Melting Point Apparatus perfectly integrate video technology into melting point measuring.
- Vast amounts of storage space, can achieve 300 minutes of continuous shooting or nearly 10000 photos storage.
- 0.1℃--20.0℃ linear temperature rise design is satisfactory for varied temperature rise options.
- Store up 80 sets of customers experimental method, 40 sets atlas and test data.
- Data can be printed via USB and RS232.

Technical data:

	MP420	MP430	MP450	MP470
Temperature range	room temperature--300°	room temperature--350°	room temperature--400°	room temperature--400°
temperature resolution	0.1℃			
repeatability	0.2℃ at heating rate of 0.2℃/min			
temperature accuracy	±0.4℃ (<200℃) ±0.7℃ (<300℃) heating rate			
temperature gradients	0.1℃--20℃			
standard capillary size	I.D. 1.0mm, O.D. 1.4mm			
display	TFT5.6" Touch screen + TFT3.5" color screen			
Interface	USB, SD card, RS232, Internet			
Video output	SD Card	●	●	●
Magnification	7	●	●	●
Capacity per batch	4pc./batch	●	●	●
Operator account	-	4	8	15
Camera & Video	Camera	Camera & Video	Camera & Video	Camera & Video
video reply	-	Yes	Yes	Yes
Curve storage	-	-	10 groups	40 groups
Result storage	50 groups	200 groups	600 groups	1000 groups
SD card capacity	2G	4G	8G	16G
Method storage	-	-	30	80
Power supply	220V±10% 50Hz	●	●	●
Power	120W	●	●	●
Dimension	305mm×220mm×230mm	●	●	●