民族仪器
品质典范

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 magnifica-
tion, it's easy to watch the melting proce-
dure.

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 tem-
perature 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 pro-
cess of sample.

The instrument can be widely used in the chemical industry and pharmaceuti-
cal 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	●	●	●