

## MP420/MP430 Melting Point Apparatus

## MP450/MP470/MP490 Auto Melting Point Apparatus

MP420/MP430 Video Melting Point Apparatus, and MP450/MP470/MP490 Automatic Video 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, stamp video and so on. It also provides better help for users to observe melting process of sample.



### Features

#### Visual and Automatic Determination

It includes a color display to observe the phase transition, is equipped with a video camera and a video replay function which allows reviewing the melting point determination. It also suit for color samples, which tradition automatic melting point apparatus not available.

#### Available Testing 4 Samples Concurrently

Max concurrent sessions 4 samples each batch, record and track each result independently, meet FDA 21CFR part 11 requirements.

#### Multi-user ID Classify Function

Adopt User ID management function. Users ID are available for adding, deleting and jurisdiction setting.

#### All Screen Design

Adopt a 8 inch capacitive touch screen, with the brilliant Android system, let the operating easier.

#### Amazing Data Processing & Exporting

The methods, atlas and detailed result are available for storage. Connecting printer or all data export are both available.

#### Compliant with GLP, GMP(EU,UPS&CN) and FDA 21CFR part 11

### Technical data

	MP420	MP430	MP450	MP470	MP490
Capillary position capacity	4				
Capillary size	inner 0.9~1.1mm				
Magnification of lens	8				
Display	Color 8-inch Touch Screen				
Temperature range	RT-300°C	RT-350°C			RT-400°C
Temperature accuracy	0.4 at 200°C; 0.7 at 300°C				
Temperature resolution	0.1°C				
Temperatuer repeatability	0.2°C				
Temperature gradients	0.1°C-20°C				
Video & Camera	Camera	Video & Camera			
Video reply	No	Yes			
Automatic find melting point	Manual			Automatic	
Room capacity	8GB	16GB	16GB	30GB	128GB
Graphic	0	0	100	200	500
Methods sotrage	1	30	30	80	200
Communication ports	USB×3, RS232, Wi-Fi, RJ45				
Printer	Thermal printer	Laser printer/ Thermal printer			
ID management	No	20	20	30	100
User classify	No	Yes	Yes	Yes	Yes
Data provenance	No	Yes	No	Yes	Yes
FDA 21 CFR part11	No	Yes	No	Yes	Yes