Automatic Melting Point Series >>>

Melting point instrument is the material melting point instrument. Melting point material refers to the temperature at which the substance from solid to liquid, in the filed of organic chemistry, melting point determination is to identify the basic means of material nature, also is one of important method for the determination of purity.

Video Melting Point Meter



Improve innovative efficiency

1:high-definition video instead of traditional visual microscope;

2:a deal with four samples;

3:compatibility measurement in shape of powder and pieces of melt(optional)

The Main Technical Indicators

Model	JH30	JH50
Temperature range	RT–350℃	RT–400℃
Detection method	Semi-automatic	Semi-automatic
Capacity per batch	4pc. /batch	4pc. /batch
Temperature resolution	0.1℃	0.1℃
Temperature gradients	(0.1–20.0) ℃/Min	(0.1–20.0) ℃/Min
Temperature accuracy	±0.3℃ (<250℃)	±0.3℃ (<250℃)
	±0.5℃ (>250℃)	±0.5℃ (>250℃)
Repeatability	±0.1℃ (At 0.1℃/Min)	±0.1℃ (At 0.1℃/Min)
Exploration model	—	—
Camera&Video	Camera	Camera&Video
Video playback	—	YES
Magnification	7	7
Operator account	—	8
Result storage	200	400
SD card capacity	8G	8G
Display	TFT Touch screen	TFT Touch screen
Interface	USB RS232 SD card Enternet	USB RS232 SD card Enternet
Standard capillary size	I.D. 1.0mm, O.D. 1.4mm	I.D. 1.0mm, O.D. 1.4mm
Power	110–220V 50/60HZ 120W	110–220V 50/60HZ 120W

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DRAWELL
Artist of Science

Drawell JH series fully automatic melting point instrument perfect combination of high precision temperature control technology and high-definition video camera technology, not only to provide users with accurate stable and reliable test results, also bring efficient and convenient test to experience for the user. Hd video easy to clear the whole process of sample melting, automatically detect real-time,according to Mr Convenient user accurately measured sample melting point and distance.

Automatic melting point meter

Improve innovative efficiency:



1:A deal with four samples;

2:High automation integration, to achieve a key measurement function;

3:Fully automatic record melting process, early fusion, the fusion.

The main technical indicators

Model	JH40	JH60
Temperature range	RT–350℃	RT–400℃
Detection method	Fully automatic	Fully automatic
Capacity per batch	4pc. /batch	4pc. /batch
Temperature resolution	0.1℃	0.1℃
Temperature gradients	(0.1–20.0) ℃/Min	(0.1–20.0) ℃/Min
Temperature accuracy	±0.3℃ (<250℃)	±0.3℃ (<250℃)
	±0.5℃ (>250℃)	±0.5℃ (>250℃)
Repeatability	±0.1℃ (At 0.1℃/Min)	±0.1℃ (At 0.1℃/Min)
Exploration model	—	YES
Operator account	4	8
Curve storage	10 groups	10 groups
Result storage	200 groups	400 groups
Display	TFT Touch screen	TFT Touch screen
Interface	USB RS232 SD card Enternet	USB RS232 SD card Enternet
Standard capillary size	I.D. 1.0mm, O.D. 1.4mm	I.D. 1.0mm, O.D. 1.4mm
Power	110–220V 50/60HZ 120W	110–220V 50/60HZ 120W

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Use filed: Chemical, pharmaceutical, supervision, food and drug administration, and quarantine, is widely applied in colleges and universities and other related departments. Melting point is an important feature of the material, material research is of great significance. Is the production of medicines, spices, dye and other organic crystal substances essential equipment.

Video melting point meter



Improve innovative efficiency:

1: high–definition video instead of traditional visual microscope;

2: a deal with four samples;

3: high automation integration, to achieve a key measurement function;

4: fully automatic record melting process, early fusion, the fusion.

The main technical indicators

Model	JH70	JH80	JH90
Temperature range	RT–350℃	RT–400℃	RT–420℃
Detection method	Fully automatic(compatible with Semi-automatic)	Fully automatic(compatible with Semi-automatic)	Fully automatic(compatible with Semi-automatic)
Capacity per batch	4pc. /batch	4pc. /batch	4pc. /batch
Temperature resolution	0.1℃	0.1℃	0.1℃
Temperature gradients	(0.1–20.0) ℃/Min	(0.1–20.0) ℃/Min	(0.1–20.0) ℃/Min
Temperature accuracy	±0.3℃ (<250℃)	±0.3℃ (<250℃)	±0.3℃ (<250℃)
	±0.5℃ (>250℃)	±0.5℃ (>250℃)	±0.5℃ (>250℃)
Repeatability	±0.1℃ (At 0.1℃/Min)	±0.1℃ (At 0.1℃/Min)	±0.1℃ (At 0.1℃/Min)
Exploration model	NO	YES	YES
Camera & Video	Camera & Video	Camera & Video	Camera & Video
Video playback	NO	YES	YES
Magnification	7	7	7
Operator account	8	10	20
Curve storage	10	20	80
Result storage	400	600	1000
Method storage	—	40 groups	100 groups
SD card capacity	8G	16G	32G
Display	TFT Touch screen	TFT Touch screen	TFT Touch screen
Interface	USB RS232 SD card Enternet	USB RS232 SD card Enternet	USB RS232 SD card Enternet
Standard capillary size	I.D. 1.0mm, O.D. 1.4mm	I.D. 1.0mm, O.D. 1.4mm	I.D. 1.0mm, O.D. 1.4mm
Power	110–220V 50/60HZ 120W	110–220V 50/60HZ 120W	110–220V 50/60HZ 120W