![JIAHANG 佳航仪器]

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Automatic video melting point meter

Digipol-M90D Automatic video melting point meter perfectly combines high-precision temperature control technology and high-definition video camera technology, not only to provide users with accurate, stable and reliable test results, but also to bring users an efficient and convenient test experience. The high-definition video can easily and clearly see the whole process of sample melting, and the real-time spectrum display of automatic detection is convenient for users to accurately measure the melting point and melting distance of the sample.

1. Automatic video melting point meter Introduction

Innovation points to improve efficiency:
1: Automated integration to realize one-key measurement function;
2: Meet a variety of test modes;
3: Process 3 samples at a time;
4: Data can be printed directly through the printer;
5: Comply with 21CFR Part 11, audit trail, pharmacopoeia and electronic signature.

2. Automatic video melting point meter Parameter
Model**:** M90D
Pdoduct Name: Automatic video melting point meter

Temperature range: room temperature -400℃ (silicone oil heated to 320℃)

Heating method: oil bath, water bath, metal bath heating method
Detection method: fully automatic (compatible with manual)
Processing capacity: 4 pieces/batch (four samples can be made at the same time)

Temperature resolution: 0.01℃

*Rising rate: 0.1℃--20℃ (200 steps steplessly adjustable)

*Temperature control method: PID precise temperature control, fully enclosed design of furnace body
*Map: any zoom, easy to view any details of the map

*Accuracy: ±0.2℃ (<250℃)

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±0.5°C (>250°C)

Repeatability: Melting point repeatability at 0.1°C/Min ±0.1°C

Magnification: 9 times

Display mode: 10.4 inch FTF color touch color screen

Data storage: 128G

Map preservation: 600 groups

*Map: any zoom, easy to view any details of the map

*Experimental method lock: Yes

*User management: Have/four-level authority management

Audit trail: Yes

Electronic signature: Yes

Custom method library: Yes

*Export file verification advanced protection MD5: Yes

Printing method: WIFI printing, serial port printing

Multiple file formats export: PDF and Excel

Data interface: USB RS232 SD Wi-Fi, RJ45, U disk

Large capillary tube: outer diameter: 4mm, inner diameter 3.8mm

Small capillary tube: outer diameter φ1.4mm, inner diameter: φ1.0mm;

Instrument size: 400*280*330mm

Power source: 110-230V 50/60HZ 120W

Weight: 4.1kg

3. Product Feature And Application

1. The Automatic video melting point meter has HD recording function, easy to observe and look back.

2. Large temperature range from room temperature to 420℃.

3. The heating rate is adjustable from 0.1℃/Min to 20℃/Min without pole.

4. Enlarge HD color screen window.

5. Four samples can be determined simultaneously.

6. Printer can be connected to realize real-time data printing and historical data printing.

7. Comply with Pharmacopoeia test methods, including European Pharmacopoeia, United States Pharmacopoeia and Chinese Pharmacopoeia.

8. Compliance with 21CFR Part 1, audit trail, pharmacopoeia and electronic signature.

4. Fields of use

1.Automatic video melting point meter plays an important role in chemical industry and medical research.

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It is a necessary instrument for the production of drugs, spices, dyes and other organic crystal substances.Corresponding enterprises (pharmaceutical related enterprises, chemical enterprises)
2.Universities and Research Institutes (chemical and pharmaceutical related schools and research institutes)
3.Government supervision departments (Entry-Exit Inspection and Quarantine Food and Drug Administration, Grain Administration, etc.)

5. Product Details

Automatic video melting point meter is an instrument for measuring the melting point of a substance. The melting point of a substance refers to the temperature at which the substance changes from solid to liquid. In the field of organic chemistry, the determination of the melting point is the basic means to identify the nature of a substance, and also one of the important methods for the determination of purity.

Shanghai jiahang Automatic video melting point meter series perfectly combine high-precision temperature control technology and high-definition video camera technology, not only to provide users with accurate, stable and reliable test results, but also to bring users efficient and convenient test experience. High-definition video can easily and clearly see the whole process of sample melting, automatic detection real-time Tupu display, convenient for users to accurately measure the sample melting point and melt distance.

6. Product Qualification:

Jiahang Automatic video melting point meter has obtained CE certification, TART certification, ISO quality management system certification, more than 10 software copyrights and multiple patents to ensure that each instrument has stable performance and excellent quality.

7. Deliver,Shipping And Serving:

We have a top R&D team returned from Europe and America, cooperate with our superb manufacturing team, professional sales team and dedicated service team, working together to provide customers with high-tech, high-quality products and efficient, convenient, Comprehensive pre-sales and after-sales professional services.

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8. FAQ

How many years have your company made Automatic video melting point meter ?

22 years of scientific instrument manufacturer, laboratory solution provider!

Which certificate do you have for your products?

Jiahang has obtained CE certification, TART certification, ISO quality management system certification, more than 10 software copyrights and multiple patents to ensure that each instrument has stable performance and excellent quality.

Will you will attend the fair to show your products?

Yes，Every year we will participate in some internationally renowned exhibitions to launch our new products，such as Arablab、PICCTON、Analytica Russia、Lab Africa、Analytica Germany、Analytica Latin America and so on,we are looking forward to your visit.

How about your company's R&D strength

Possess strong R&D technical capabilities (a R&D team of more than 20 people, with an average degree of doctorate degree, graduated from well-known universities at home and abroad, with an average work experience of 8 years), able to deal with and solve product-related technical problems

If OEM is acceptable?

Provide OEM customization service, product built-in software has autonomy, can customize development settings

Are you a trading company or a manufacturer?

100% manufacturer, no middlemen and distributors make the price difference, the price of the source factory is very advantageous; Jiahang is headquartered in Shanghai, China, has 15 service outlets and 2 production plants in China, and has sales in more than 10 countries overseas proxy.

How about your delivery time?

"Generally, it will take 7 to 15 working days after receiving your advance payment. Depend on the quantity."

Which payment can be acceptable ?

We could accept the payment by L/C, TF, Paypal , Western Union,etc.

Service

We could provide Online instruction ; Real-time support by video-ca or voice-chat.

Any customer who cooperates for the first time promises to provide a production cost price trial opportunity to solve your worries about product quality problems.

Provide official product quality assurance documents that comply with legal benefits to escort you with worry-free after-sales service.