

## Melting Point Instrument

Digipol-M80 Melting Point Instrument 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 provide users with 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. Melting Point Instrument Introduction

- 1: Automated integration to realize one-key measurement function;
- 2: Process 4 samples at a time;
- 3: High-definition video instead of traditional microscope visual inspection;
- 4: Fully automatic recording of melting range, initial melting and final melting;
- 5: Data can be printed directly through the printer;
- 6: Comply with 21CFR Part 11, audit trail, pharmacopoeia and electronic signature.

### 2. Melting Point Instrument Parameter

Model	DigiPol-M80
Temperature range	Room temperature -400℃
Detection method	Fully automatic (compatible with manual)
Processing capacity	4 pcs per batch
Test mode	Melting point
Temperature resolution	0.01℃
Heating rate	0.1℃--20℃ (200 gears, steplessly adjustable)
Temperature control mode	PID precise temperature control, fully enclosed design of the furnace body
Accuracy	±0.2℃ (<250℃) ±0.4℃ (>250℃)
Repeatability	Melting point repeatability was±0.1℃at 0.1℃/Min
magnification	9 times
Display method	10.4 inch FTF color touch color screen
Data storage	64G
Map save	400 groups

Map	Any zoom
User management	YES /Level 4 authority
Audit trails	YES
Electronic signature	YES
Custom method libraries	YES
Export file verification advanced protection MD5	YES
Printing method	WIFI serial port
Export in multiple file formats	PDF & EXCEL
Data interface	USB RS232 SD Wi-Fi、RJ45、 U disk
Small capillary size	OD: $\Phi$ 1.3mm ID: $\Phi$ 1.1mm
Large capillary size	-
Instrument size	400*280* 330mm
power supply	110-230V 50/60Hz 120W
Weight	4.1kg

### 3. Product Feature And Application

- 1.The Melting Point Instrument has HD recording function, easy to observe and look back.
2. Large temperature range from room temperature to 420 °C.
3. The heating rate is adjustable from 0.1 °C/Min to 20 °C/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.Melting Point Instrument plays an important role in chemical industry and medical research. 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

Shanghai jiahang Melting Point Instrument 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 Melting Point Instrument 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.

## 8. FAQ

### **Q: How many years have your company made Melting Point Instrument?**

A: 22 years of scientific instrument manufacturer, laboratory solution provider!

### **Q: Which certificate do you have for your products?**

A: 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.

### **Q: Will you will attend the fair to show your products?**

A: 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.

### **Q: How about your company's R&D strength**

A: 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

### **Q: If OEM is acceptable?**

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

### **Q: Are you a trading company or a manufacturer?**

A: 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.

### **Q: How about your delivery time?**

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

### **Q: Which payment can be acceptable ?**



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

**Q:Service**

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

A: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.

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