

## Melting Point Device

The JH30D Melting Point Device perfectly combines high-precision temperature control technology and high-definition video camera technology. It not only provides users with accurate, stable and reliable test results, but also brings users an efficient and convenient test experience. The high-definition video can easily and clearly see the whole process of sample melting, which is convenient for users to accurately measure the melting point and melting distance of the sample.

### 1. Melting Point Device Introduction

Innovation points to improve efficiency:

- 1: HD video instead of traditional microscope visual inspection;
- 2: Process 3 samples at a time (3 small and 1 large hole);
- 3: The whole machine has passed CE certification;
- 4: Compatible with water bath, oil bath and metal bath heating.

### 2. Melting Point Device Parameter

Detection method:	semi-automatic (automatic temperature control, manual detection)
Processing capacity:	4 pieces/batch (four samples can be made at the same time)
Minimum display value of temperature:	0.1℃
Heating rate:	0.1℃--20℃ (200 steps steplessly adjustable)
Accuracy:	±0.3℃ (<250℃) ±0.5℃ (>250℃)
Repeatability:	Repeatability ±0.1℃ at 0.1℃/Min
Exploration mode:	none
Video function:	take photos, video
Video playback:	Yes
Magnification:	7
User Management:	8
Data saving result:	400
Video storage capacity:	8G
Display mode:	TFT high-definition true color screen
Data interface:	USB RS232 network port
Small capillary size:	outer diameter φ1.4mm, inner diameter: φ1.0mm
Large capillary size:	outer diameter φ4.2mm, inner diameter: φ3.8mm
Power:	220V 50HZ Power: 120W

### 3. Melting Point Device Feature

- 1: With refrigeration system, 3 samples can be processed at a time;
- 2: One-key automatic detection function, effectively avoid human error;
- 3: PID precise temperature control;
- 4: Can record and playback the experiment process, not missing every detail;
- 5: in full compliance with the national standard and ISO oil melting point determination method

### 4. Fields of use

Melting Point Device has an important position in the chemical industry and medical research. It is an essential instrument for the production of food, medicine, spices, dyes and other organic crystal substances.

### 5. Product Details

Melting Point Device can quickly and accurately determine the melting point of various block and paste samples. 3 samples can be measured simultaneously. Through the digital optical sensor, the whole experiment process is digitized and transmitted to the computer, the intelligent software can automatically judge the melting point of oil, eliminate the subjective error of judging the melting point, and reduce the labor intensity of the experimenter.

### 6. Product Qualification

Melting Point Device can quickly and accurately determine the melting point of various block and paste samples. 3 samples can be measured simultaneously. Through the digital optical sensor, the whole experiment process is digitized and transmitted to the computer, the intelligent software can automatically judge the melting point of oil, eliminate the subjective error of judging the melting point, and reduce the labor intensity of the experimenter. The Melting Point Device has its own heating system, which can ensure a stable heating rate. The platinum temperature sensor has the advantages of fast response and high accuracy compared with the traditional method of using mercury thermometer.

### 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 Devider?**

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 ?**

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.