

## Melting Point Detector

The JHY80 Melting Point Detector can quickly and accurately determine the melting point of various greases. Three samples can be measured at the same time. Through the digital optical sensor, the entire experimental process is digitized and transmitted to the computer. The intelligent software can automatically determine the melting point of the fat, eliminate the subjective error of artificially judging the melting point, and reduce the labor intensity of the experimenter. The instrument comes with a heating system to ensure a stable heating rate. The platinum temperature sensor has fast response speed and high accuracy, which has incomparable advantages over the traditional method of using mercury thermometer.

### 1. Melting Point Detector Introduction

Innovation points to improve efficiency:

- 1: One-key automatic detection function, effectively avoiding human error;
- 2: PID precise temperature control;
- 3: The experiment process can be recorded and replayed without missing every detail;
- 4: Fully comply with the national standard and ISO method for determining the melting point of fats and oils.

### 2. Melting Point Detector Parameter

Model	JHY80
Temperature display range	0-400°C
Temperature control range	RT-400°C
Temperature resolution	0.1°C
Heating gradient	0.1°C-20°C/minutes
Cooling rate	Wind cooling
Temperature accuracy	±0.2°C (<100°C) ±0.4°C (>100°C)
Repeatability	Melting point repeatability was ±0.1°C at 0.1°C/Min
Detection method	Fully automatic (compatible with manual)
Video function	Photo and video

Data preservation	600
Storage	16G
Display method	TFT high-definition true color screen
Computer interface	USB RS232 network port
Capillary can be used	OD:1.3mm ID:1.1mm Length:100mm (Single and double opening)  OD:4.0mm ID:3.8mm Length:800mm (Large capillary)
Processing capacity	3 pcs per batch
Number of user management	10
Video playback	YES
User Management	YES
Power supply	AC 220V 50/60Hz 120W
Instrument size	400*280*330mm
weight	4.1kg

### 3. Melting Point Detector Feature

Comply with SNT0801.5-2015, GB/T24892-2010, SNT 0801.5-1999, GBT127662008 standards.

### 4. Fields of use

Melting Point Detector 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. Melting Point Detector Details

#### Heating water bath

Adopt platinum temperature sensor, unique water bath heating design, heating rate 0.1-10°C/min. The temperature display range is 0~100°C, the temperature control accuracy is 0.1°C, the response speed is

fast, the accuracy is high, and more accurate experimental results can be obtained.

The water bath uses glass tubes to prevent scaling and rust, easy to clean, and extend the life.

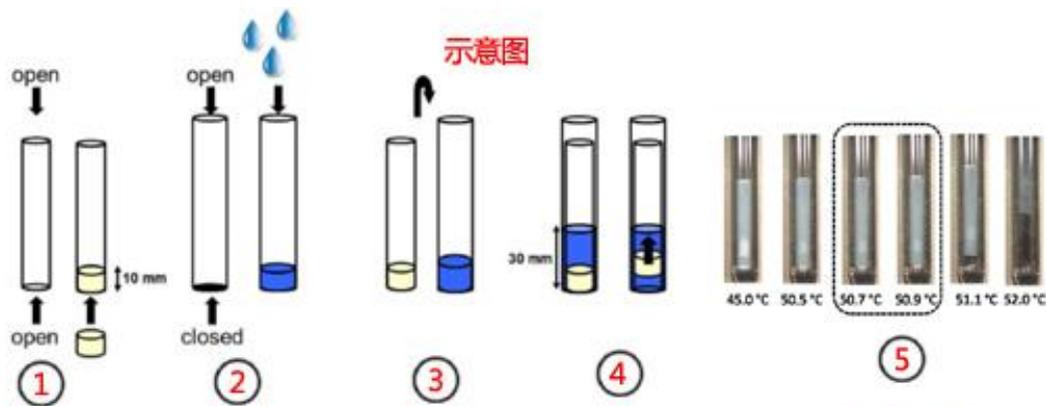
After starting, the temperature will be automatically preheated to the initial temperature set by the user.

### Professional software

Experimental results can be automatically generated and saved in experimental reports, and can be printed at any time. The experiment process is automatically recorded and saved to the SD card. When the SD card space is insufficient, the user will be prompted to transfer or clear the data.

Users can observe the experiment process at any time through the window in the software, or through video playback, change the playback speed, and better observe the details of the experiment. The software interface is friendly, simple and easy to use, and various parameters are clear at a glance.

### Test details



装样 → 装水柱 → 大管套小管 → 装入测试 → 测试效果  
实拍图



## 6. Product Qualification:

The Melting Point Detector 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

### **How many years have your company made Melting Point Detector ?**

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."



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**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.