

Digital Grease Melting Point Tester

The Digipol-MY90 Digital Grease Melting Point Tester 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. Digital Grease Melting Point Tester Introduction

Innovation points to improve efficiency:

- *1: With refrigeration system, processing 3 samples at a time;
- *2: One-key automatic detection function, effectively avoiding human error;
- 3: PID precise temperature control;
- 4: The experiment process can be recorded and replayed without missing every detail;
- *5: It is in full compliance with the national standard and ISO methods for determining the melting point of fats and oils;
- 6: Comply with 21CFR Part 11, audit trail, pharmacopoeia and electronic signature.

2. Digital Grease Melting Point Tester Parameter

Model: Digipol-MY90

Product name: Digital Grease Melting Point Tester

*Temperature display range: 0-100℃

*Data storage: 1000

*Control temperature range: (RT-30)-100℃

Number of user management: 200

Temperature resolution: 0.01℃

Storage space: 32G

Heating gradient: 0.1℃-10℃/min

Display mode: TFT high-definition true color screen

Cooling rate: semiconductor cooling

Computer interface: USB RS232 network port

Temperature accuracy: $\pm 0.2^{\circ}\text{C}$ (~100 $^{\circ}\text{C}$);

Power supply: AC 220V 50/60HZ 120W

Repeatability: Melting point repeatability at 0.1 $^{\circ}\text{C}/\text{Min}$ $\pm 0.1^{\circ}\text{C}$

Weight: 4.1Kg

*Detection method: fully automatic (compatible with manual)

Processing capacity: 3 pieces/batch (three samples can be made at the same time)

Capillary tubes can be used: outer diameter 1.4mm, inner diameter 1.0mm, length 100mm (single and double openings)

The outer diameter is 4.0mm, the inner diameter is 3.8mm, and the length is 800mm (large capillary tube)

*Video function: taking photos and videos

Video playback: Yes

3. Digital Grease Melting Point Tester 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

The Digital Grease Melting Point Tester has an important position in the chemical industry and medical research. It is an instrument for the production of food, drugs, spices, dyes and other organic crystal substances.

5. Digital Grease Melting Point Tester Details

Heating water bath

Adopt platinum temperature sensor, unique water bath heating design, heating rate 0.1-10 $^{\circ}\text{C}/\text{min}$. The temperature display range is 0~100 $^{\circ}\text{C}$, the temperature control accuracy is 0.1 $^{\circ}\text{C}$, the response speed is fast, the accuracy is high, and more accurate experimental results can be obtained.

The heating bath adopts glass tube to prevent scaling and rust, easy to clean and prolong the life.

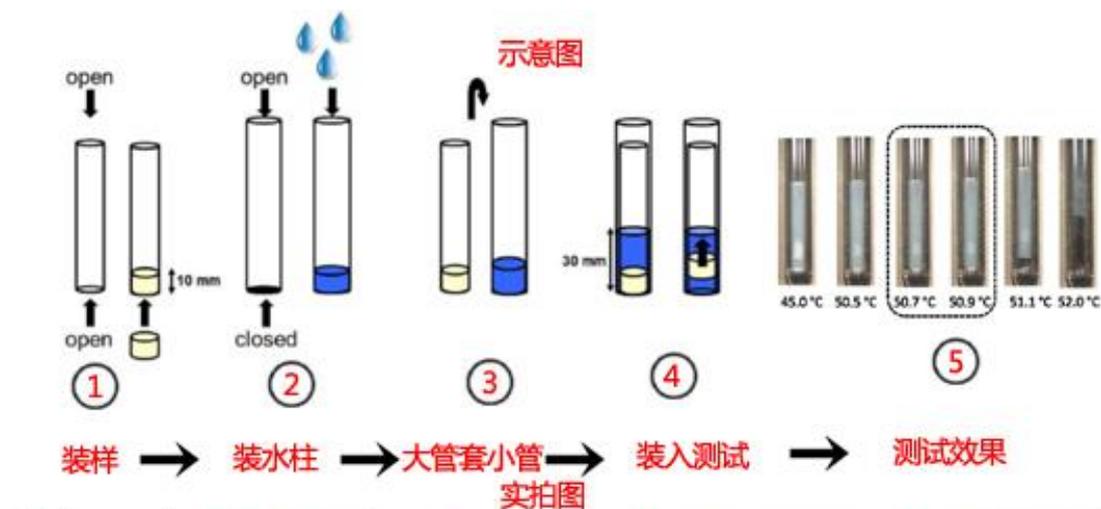
After starting, the temperature will be automatically preheated to the initial temperature set by the user.

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



6. Product Qualification:

The Digital Grease Melting Point Tester 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 Digital Grease Melting Point Tester ?

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



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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.

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