

Thermal analyzer equipment

Thermal analyzer equipment measures the relationship between temperature and heat flow related to the internal heat transition of materials. It has a wide range of applications, especially in the research and development, performance testing and quality control of materials. Such as material melting, glass transition temperature, crystallization and cold crystallization, phase transition, thermal stability, curing/crosslinking, oxidation rust lead period and so on. Jiahang DSC in line with the national standard GB/T15065-2009, GB/T2951.42-2008, GB/T17391-1998, GB/T19466.6-2009 standard.

1. Thermal analyzer equipment Introduction

Instrument innovation:

- 1: Brand new furnace structure, better resolution and resolution, and better baseline stability;
- *2: 8.1 inch LCD touch screen display;
- *3: The temperature range is as low as -100°C;
- *4: Can be used with Peltier refrigeration to quickly make cold crystallization.

2. Thermal analyzer equipment Parameter

JH-DSC6L	Technical Parameters
DSC range	0~±500mW
*temperature range	-100~600°C (liquid nitrogen refrigeration combined with Peltier refrigeration)
Heating rate	1~80°C/min
Temperature resolution	0.1°C
Temperature fluctuation	±0.1°C
Temperature repeatability	±0.1°C
DSC noise	0.01μ W
DSC resolution	0.01μ W
DSC accuracy	0.1μ W
DSC sensitivity	0.1μ W
Temperature control method	Heating, constant temperature (full program automatic control)
Curve scan	Heating scan
Atmosphere control	Automatic switching of the instrument
Display method	24bit color, 8.1 inch LCD touch screen display
Data interface	Standard USB interface
Parameter standard	Equipped with standard material (tin), users can calibrate the temperature and enthalpy by themselves

3. Product Feature And Application

The Thermal analyzer equipment is simple and fully automatic. All experimental operations can be completed on the computer.

The instrument display window is an LCD touch screen, which is the first in China.

Perfect after-sales service system, five-year warranty. During instrument maintenance, our company provides spare machines for free to ensure the normal use of your equipment.

The technology is mature, and the temperature and temperature accuracy of the instrument is high.

Many colleagues are also using our instruments. Such as Liansu pipes and Xiongsu pipes. Many universities, quality inspection agencies.

Full-featured, cost-effective, and there are many types of testable experiments. Most instrument manufacturers in China use a single experimental test.

4. Fields of use Product

Thermal analyzer equipment has a wide range of applications, especially in the research and development, performance testing and quality control of materials.

1. This instrument can test the antioxidant capacity of the product, also known as the oxidation induction period. Through the oxidation induction period, the service life of the product can be determined. This index test is a test that the plastics industry must do, and the country has document regulations. In the production process, the oxidation induction period test can be used to adjust the mixing ratio of the regrind to the raw materials. When the national standard is reached, the production cost can be reduced.

2. The instrument can also do DSC experiment, which can test the glass flower temperature, melting point, enthalpy and cracking of the sample. The glass transition temperature test is mainly for rubber and epoxy materials. The purpose of this test is to understand the temperature at which the substance changes in form, but the properties and components do not change. The substance should not exceed its glass transition temperature during use. The melting point test is the temperature at which a substance changes from a solid state to a molten state. During the production process, the production equipment must reach this temperature before the material can melt and then be made into a pipe. For example, the melting point of the substance is 110°C, but some production processes have not been tested for the melting point of the substance. Based on experience, the temperature of the production equipment can be set to 150°C, but the temperature is 40°C higher and more energy waste. Secondly, all substances have a cracking temperature. When cracking occurs, the properties of the substance change. If the temperature set by the production equipment reaches or approaches the ignorant cracking temperature, the performance of the produced pipeline will be unstable and the quality will not be satisfactory. This equipment can also produce product quality inspection reports, which is also of great help to market sales.

5. Thermal analyzer equipment detail

- 1: Digital gas mass flow meter, accurately control the purge gas flow, and the data is directly recorded in the database;
- 2: The instrument can adopt two-way control (host control, software control), with a friendly interface and easy operation;
- 3: Brand new furnace structure, better resolution and resolution, and better baseline stability.

6. Product Qualification

Jiahang Product 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

How many years have your company made Thermal analyzer equipment ?

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 ?



☎ 0086 17721148861
✉ bentian@jiahanglab.com
🌐 www.jiahanglab.com
📞 0086 021 59904405

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.