

## High-precision thermogravimetric analyzer

The High-precision thermogravimetric analyzer has obtained a national patent, patent number ZL 2009 0039640.8. Thermogravimetric analysis (TG, TGA) is to observe the change of sample quality with temperature or time during the process of heating, constant temperature or cooling, and the purpose is to study the thermal stability and composition of materials. It is widely used in research and development, process optimization and quality monitoring in various fields such as plastics, rubber, coatings, pharmaceuticals, catalysts, inorganic materials, metal materials and composite materials.

### 1. High-precision thermogravimetric analyzer Introduction

Instrument innovation:

- 1: Advanced control system. The temperature can be controlled quickly and stably;
- 2: After the sample is installed in place, the insulation door will be automatically closed;
- 3: The software has built-in test records, data processing and report formats, and automatically issues actual reports;
- 4: Built-in high temperature platinum sensor.

### 2. High-precision thermogravimetric analyzer Parameter

JH-TGA350	Technical Parameters
temperature range	Room temperature~1350℃
Temperature resolution	0.1℃
Temperature fluctuation	±0.1℃
Heating rate	1~80℃/min
Temperature control method	Heating, constant temperature, cooling
Cooling time:	15min (1000℃···100℃)
Balance measuring range	1mg~2g, can be expanded to 30g
Resolution	0.1μ g
Constant temperature time	0~300min arbitrarily set
Display method	Chinese characters large-screen LCD display
atmosphere	Inert, oxidizing, reducing, static, dynamic
Atmosphere device	Built-in gas flow meter, including two-way gas switching and flow rate control
software	Intelligent software can automatically record TG curve for data processing and print experimental reports
Data interface	RSS-232 interface, dedicated software (free software upgrades from time to time)
power supply	AC220V 50Hz

### **3. High-precision thermogravimetric analyzer Feature And Application**

- 1: Advanced control system. The temperature can be controlled quickly and stably.
- 2: Friendly man-machine interface. The temperature of the cold and hot plates and the power of the heat flow can be directly displayed on the large-screen LCD.
- 3: Concise operation. Electric moving splint, the clamping force LCD display is adjustable, and the heat preservation door is automatically closed after the sample is installed in place.
- 4: Intelligent data processing. Highly automated computer data communication and report processing system, flat panel thermal conductivity meter belt
- 5: There is a computer communication interface, and the temperature curve is displayed in real time.
- 6: Automatically generate and print test reports. The software has built-in test records, data processing and report formats, and automatically issues actual reports.

### **4. Fields of use High-precision thermogravimetric analyzer**

High-precision thermogravimetric analyzer has a wide range of Pharmaceuticals, plastics, coatings, rubber, inorganic materials, composite materials, catalysts, metal materials.

### **5. 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.

### **6. 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.

### **7. FAQ**

**How many years have your company made High-precision thermogravimetric analyzer ?**

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 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.