

High temperature differential thermal analyzer

High temperature differential thermal analyzer is a technique that measures the temperature difference and temperature relationship between a substance and a reference substance under a program-controlled temperature. The differential thermal analysis curve describes the relationship between the temperature (ΔT) of the sample and the reference material with temperature or time. In the DTA test, the temperature change of the sample is caused by the endothermic or exothermic effect of the phase transition or reaction. Such as: phase transformation, melting, transformation of crystalline structure, boiling, sublimation, evaporation, dehydrogenation reaction, fracture or decomposition reaction, oxidation or reduction reaction, destruction of lattice structure and other chemical reactions.

1. High temperature differential thermal analyzer Introduction

Instrument innovation:

The furnace body adopts an open-top structure, which replaces the traditional lifting furnace body, with high precision and easy operation.

2. High temperature differential thermal analyzer Parameter

JH-DTA3320	Technical Parameters
temperature range	Room temperature~1150℃
Measuring range	0~±2000μV
DTA accuracy	±0.1μV
Heating rate	1~80℃/min
Temperature resolution	0.1℃
Temperature accuracy	±0.1℃
Temperature repeatability	±0.1℃
temperature control	Heating up: program control, parameter adjustment can be carried out according to needs;
	Cooling down: air cooling, program control
	Constant temperature: program control, constant temperature time can be set arbitrarily
Furnace structure	The furnace body adopts an open-top structure, which replaces the traditional lifting furnace body, with high precision and easy operation
Atmosphere control	Automatic switching of internal programs
Data interface	Standard USB interface, supporting data cable and operating software
Host display	24bit color, 7 inch LCD touch screen display
Parameter standard	Equipped with standards, with one-key calibration function, users can calibrate the temperature by themselves

Baseline adjustment	Users can adjust the baseline through the slope and intercept of the baseline
Power supply	AC 220V 50Hz

3. High temperature differential thermal analyzer Feature And Application

- 1: The main control chip of the High temperature differential thermal analyzer adopts the Cortex-M3 core ARM controller, which has faster processing speed and more precise temperature control.
- 2: Using USB two-way communication, the operation is more convenient.
- 3: Using 7-inch 24bit color full-color LCD touch screen, the interface is more friendly.
- 4: The platinum rhodium alloy sensor is used, which is more resistant to high temperature, corrosion and oxidation.

4. Fields of use High temperature differential thermal analyzer

High temperature differential thermal analyzer has a wide range of applications, especially in the research and development, performance testing and quality control of materials.

5. Product Qualification

Jiahang High temperature differential thermal analyzer 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

Q: How many years have your company made Melting Point Meter?

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?



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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.