

Custom Refractometer

JH series Custom Refractometer are equipped with high-performance linear CCD photosensitive components, through high-speed, high-precision signal acquisition and analysis processing technology, equipped with semiconductor Peltier super temperature control system. It can efficiently and accurately measure the refractive index (nD) of various liquids such as transparent, translucent, dark, viscous, and the mass fraction of sugar solution (Brix).

1. Custom Refractometer Introduction

Innovation:

- 1: The first domestic dual-temperature automatic refractometer;
- 2: Sapphire prism;
- 3: High-resolution CCD sensor;
- 4: 7-inch color touch screen.

2. Custom Refractometer Parameter

Range: 1.30000--1.70000(nD)

Accuracy: ± 0.00002

Brix range: 0-100% (Brix)

Brix accuracy: $\pm 0.01\%$ (Brix)

Temperature control method: Peltier temperature control

Temperature control range: 5°C — 90°C

Temperature control stability: $\pm 0.01^\circ\text{C}$

Light source: LED light source

Wavelength: 589nm

Prism: Sapphire grade

Sample pool: stainless steel

Detection method: high-resolution linear CCD

Display mode: FTF color touch screen

Data interface: USB RS232

Power source: 220V/50HZ

3. Fields of use

The Custom Refractometer has a wide range of applications in the petroleum industry, oil industry, pharmaceutical industry, food industry, daily chemical industry, sugar industry, etc. It is also one of the commonly used equipment in schools and related scientific research units.

4. Product Details

Through high-speed and high precision signal acquisition, analysis and processing technology, the Custom Refractometer is equipped with a semiconductor Peltier super temperature control system. It can measure the refractive index (N_d) and the mass fraction of sugar solution (Brix) of transparent, translucent, dark and viscous liquid with high accuracy and efficiency.

5. Product Qualification

Jiahang Custom Refractometer 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 Custom Refractometer?

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?

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.