
Optical rotation polarimeter

JH-P100 Optical rotation polarimeter is an instrument for measuring the optical rotation of a substance. By measuring the optical rotation of the sample, the concentration, purity, sugar content or content of the sample can be determined.

1. Optical rotation polarimeter Introduction

Advantage:

The instrument has good accuracy and repeatability;
The most cost-effective price for similar products

2. Optical rotation polarimeter Parameter

Model: JH-P100

Product name: Optical rotation polarimeter

Measuring range: $-45^{\circ} \sim +45^{\circ}$ $-120^{\circ}Z \sim +120^{\circ}Z$

Working wavelength: 589.3nm

Minimum reading value: 0.001° $0.01^{\circ}Z$

Accuracy: $\pm(0.01^{\circ} + \text{measurement value} \times 0.05\%) \pm(0.03^{\circ} + \text{measurement value} \times 0.05\%) Z$

Repeatability (maximum deviation): $\leq 0.002^{\circ} \pm 0.006^{\circ}Z$

The lowest transmittance of measurable samples: 1%

Display mode: LCD screen

Dimensions: 600mm×320mm×220mm

3. Optical rotation polarimeter Feature

- 1: Built-in Parpaste temperature control, improve accuracy and stability;
- 2: there are rotation/specific curl/concentration/sugar degree and custom mode;
- 3: LED cold light source instead of the traditional sodium light lamp and halogen tungsten lamp;
- 4: Compliance with 21CFR Part 1 audit trail, pharmacopoeia and electronic signature;
- 5: Support network printing, support data statistical retrieval;
- 6: Multi-level authority management, authority can be freely configured;
- 7: 10 inch touch color screen, user-friendly operation interface;

8: The system comes with automatic calibration system.

9: Comply with GLP GMP certification

4. Fields of use

Optical rotation polarimeter is widely used in industrial production, scientific research and teaching departments such as sugar, pharmacy, drug testing, food, spices, monosodium glutamate, chemical industry, petroleum, etc., laboratory analysis or process quality control.

5. Product Details

Optical rotation polarimeter adopts photoelectric detection and automatic servo mechanism control, backlit liquid crystal display, the test data is clear and intuitive, and the results of three retests can be saved, and the average value can be calculated. Equipped with RS232 interface, can transmit data to PC.

6. Product Qualification:

Jiahang Optical rotation polarimeter 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 Optical rotation polarimeter ?

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



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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.

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