

## Disc Polarimeter

WXG-4 Disc 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. It is widely used in industrial production, scientific research and teaching departments such as sugar, pharmacy, drug testing, food, spices, monosodium glutamate, chemical industry and petroleum, etc. For laboratory analysis or process quality control.

### 1. Disc Polarimeter Introduction

Disc Polarimeter is an instrument for measuring the rotation of substances. The concentration, content and purity of the substance can be determined by spectrophotometry.

### 2. Disc Polarimeter Parameter

Model: WXG-4

Product name: Disc Polarimeter

Measuring range:  $-180^{\circ} \sim +180^{\circ}$

Minimum reading value:  $0.01^{\circ}$

Accuracy:  $\pm 0.05^{\circ}$

Instrument light source: sodium light source + filter, wavelength 589.3nm

Magnifier magnification: 4x

Instrument size: 200×100×240(mm)

### 3. Disc Polarimeter Feature

Super large angle, using visual aiming, manual measurement method, easy to use.

### 4. Fields of use

1. Disc Polarimeter is widely used in medicine, food, organic chemical industry and other fields.
2. Agriculture: analysis of ingredients such as agricultural antibiotics, agricultural hormones, microbial pesticides and starch content of agricultural products.

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3. Medicine: analysis of antibiotics, vitamins, glucose and other drugs, pharmacological study of Chinese herbal medicine.
  4. Food: sugar, monosodium glutamate, soy sauce and other production process control and finished product inspection, food sugar content determination.
  5. Petroleum: analysis of mineral oil, monitoring of petroleum fermentation process.
  6. Fragrance: analysis of essential oils.
  7. Health services: analysis of clinical diabetes in hospitals

## 5. Product Details

Shanghai Jiahang Disc Polarimeter has built-in Peltier precise temperature control system, which can meet users' requirements for testing at constant temperature. The built-in automatic calibration program is optional, and the standard automatic calibration tool can be automatically calibrated from -45 degrees to +45 degrees, which fully meets the user's demand for controllable measurement accuracy in daily operation. The multi-level authority management of Shanghai Jiahang automatic polarimeter can meet the audit tracking.

## 6. Product Qualification:

Jiahang Disc 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.

The manufacturer is responsible for free on-site installation and commissioning, and the user shall check and accept according to the bidding contract and product technical standards, and regularly maintain a lifetime warranty;

Provide free personnel training for end users at the installation site for 2 persons/set;

The product warranty period shall be one year, and all costs incurred by the product quality issues during the warranty period shall be borne by the supplier.

## 8. FAQ



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**How many years have your company made Disc 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 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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