

## VIS spectrophotometer

VIS spectrophotometer has practical functions and easy operation. The host is equipped with a large - screen dot-matrix liquid crystal display, which can be used for photometric measurement and quantitative testing, and the standard curve chart is directly displayed. The optional PC quantitative analysis software enhances the quantitative test function and adds the functions of time scanning, data processing and report printing.

### 1. VIS spectrophotometer Introduction

Innovation:

- 1: LCD display, friendly interface, easy to operate;
- 2: Automatic wavelength calibration, automatic deviation repair;
- 3: 24-bit high-speed A/D conversion, the instrument is accurate and sensitive;
- 4: The large sample room can accommodate 5-100mm cuvettes;
- 5: Single beam optical path 1200±10 strips/mm grating.

### 2. VIS spectrophotometer Parameter

Wavelength range: 320~1020nm

Spectral bandwidth: 4nm

Wavelength accuracy: ±2.0nm

Wavelength repeatability: ≤0.5nm

Detector: imported silicon photodiode

Wavelength setting: automatically set the wavelength, with a wavelength resolution of 0.1nm

Luminosity range: 0~200%T, -0.3~3A, 0~9999C, 0~9999F

Photometric accuracy: ±0.002A (0~0.5A), ±0.004A (0.5~1A), ±0.3%T (0~100%T)

Photometric repeatability: ≤0.001A (0~0.5A), ≤0.002A (0.5~1A), ≤0.2%T (0~100%T)

Stray light: ≤0.1%T (220/360nm)

Baseline drift (stability): ≤0.002A/h (500nm,0A)

Noise: ±0.2%T (0%T line); ±0.5%T (100%T line); ±0.001A (at 500nm)

Baseline straightness ±0.003A

Scanning speed: three gears adjustable for high, medium and low speed

Light source: imported long-life tungsten lamp and deuterium lamp (without optical debugging)

Display: 128\*64 dot matrix LCD display

Keyboard: touch the membrane button

Data interface: USB port

Power supply: AC90-250V, 50/60Hz

Dimensions: 500x400x300mm

Weight: 12kg

### 3. VIS spectrophotometer Feature And Application

1. Independent double optical path and double beam optical system;
2. Can independently complete photometric measurement, quantitative measurement, spectral scanning, kinetics, DNA/ protein testing functions;
3. Suspension type optical system design, strengthen the design of thickened bottom plate, eliminate the impact of vibration or deformation on the optical system;
4. The software is fully compliant with 21CFR Part 11, audit trail, pharmacopoeia and electronic signature;
5. Large screen dot matrix liquid crystal, clear map data display, friendly interface, easy to operate;
6. Smaller spectral bandwidth, higher resolution, fully meet the requirements of the pharmacopoeia, wider application range;
7. Long life environment-friendly deuterium lamp with flange seat, light replacement is free of optical debugging;
8. The graph and data can be saved in real time, and can be maintained when power is off. It can be printed and exported to PC.

### 4. Fields of use VIS spectrophotometer

VIS spectrophotometer is one of the analytical instruments with the longest history, the most widely used and the widest coverage in the world. It is widely used in life science, medical science, environmental science, agricultural science, metrology science, food science, geological science, petroleum science, medical and health care, iron and steel metallurgy, chemistry and chemical industry and other fields.

### 5. Products detail

VIS spectrophotometer with high precision, high resolution, low noise, low stray light characteristics.

### 6. Product Qualification

Jiahang VIS spectrophotometer 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 VIS spectrophotometer ?**

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.



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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.