

## Double Beam Spectrophotometer

Double Beam Spectrophotometer with quantitative measurement, wavelength scanning, time scanning, multi-wavelength test, DNA protein test and other high-order functions, with high precision, high resolution, low noise, low stray light characteristics.

### 1. Double Beam Spectrophotometer Introduction

Innovation:

- 1: Dual optical path, dual beam optical system;
- 2: Automatic wavelength calibration, automatic deviation repair;
- 3: 24-bit high-speed A/D conversion, the instrument is accurate and sensitive;
- 4: 0.5/1.0/1.5/2.0/4.0/5.0 six gears are automatically adjustable;
- 5: Comply with 21CFR Part 11, audit trail, pharmacopoeia and electronic signature.

### 2. Double Beam Spectrophotometer Parameter

Model	JH-UV9
Wavelength range	190-1100nm
The spectral bandwidth	0.5/1/1.5/2/4/5.0nm
Wavelength accuracy	±0.1nm(656.1nm) ±0.3nm All Region
Wavelength repeatability	≤0.1nm
Photometric accuracy	±0.002A (0-0.5A) ±0.004A (0.5-1A) ±0.2%T (0-100%T)
Photometric repeatability	≤0.001A (0-0.5A) ≤0.002A (0.5-1A) ≤0.1%T (0-100%T)
Stray light	≤0.03%T (220/360nm)
Baseline drift (stability)	≤0.0004A/h (500nm, 0A)
Baseline flatness	±0.0015A
Noise level	±0.1%T (0%T 线)
Luminosity range	0-200%T、-44A 0-9999C、0-9999F
Wavelength setting mode	Automatic, wavelength resolution 0.1nm
Scanning speed	High, medium and low are available
PC software	PC scan analysis software (standard)
Data output	USB
Printout	The microprinter is connected to a computer for printing
Display system	7 inch 320*240 large screen LCD
The light source	Original imported tungsten lamp, xenon lamp

The detector	Imported silicon photodiode
The power supply	AC 220V/50Hz or 110V/60Hz
Overall dimensions	645*515*255mm
Weight	28kg

### 3. Double Beam 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 Double Beam Spectrophotometer

Double Beam 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. Product Qualification

Jiahang Double Beam 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.

### 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

**How many years have your company made Double Beam 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**



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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.