5VDC Fiber Optic Spectrum Analyzer For Precise Data Measurement

Our Product Introduction

Basic Information

- Place of Origin: CHINA
- Brand Name: JINSP
- Certification: CE
- Model Number: SR50C
- Minimum Order Quantity: 1
- Price: Negotiable
- Packaging Details: Customized Packaging
- Delivery Time: 30-50working days
- Payment Terms: T/T, Western Union
- Supply Ability: 100 PCS/70-90 days

Product Specification

- Spectral Range: 200-1000 Nm
- Power Supply: 5V DC
- Detector Type: Linear Array CMOS, Hamamatsu S11639
- Fiber Connector: FC/PC Or SMA905
- Fiber Type: Single Core Fiber
- Interface: USB 2.0
- Wavelength Accuracy: +/- 0.3 Nm
- Integration Time: 1 Ms - 60 S
- Highlight: **5VDC Fiber Optic Spectrum Analyzer**, **Precise Fiber Optic Spectrum Analyzer**, **5VDC fiber optic spectrophotometer**

Product Description

Advanced Fiber Optic Spectrum Analyzers for Precise Data Measurement

Product Description:

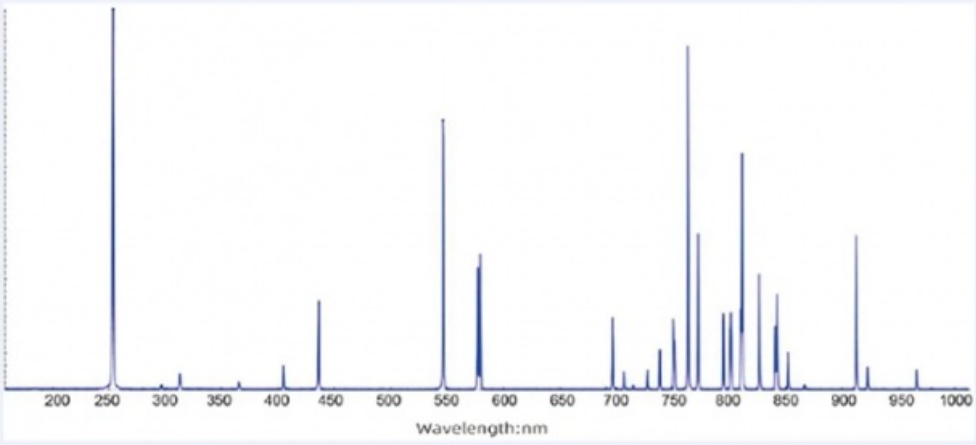
The Universal Compact Fiber Spectrometer is equipped with a high-quality diffraction grating that provides accurate and precise measurement of light spectra. Its compact design makes it highly portable, and it is capable of measuring a wide range of wavelengths, making it ideal for a variety of applications.
This device is easy to operate and requires minimal training. It features a user-friendly interface and comes with a comprehensive software package that allows users to perform data analysis and export data in various formats. The software also has a range of advanced features, including peak detection, baseline correction, spectral smoothing, and more.
The Universal Compact Fiber Spectrometer is designed to provide accurate and reliable results in a wide range of applications, including agriculture, environmental monitoring, pharmaceuticals, and more. Its high sensitivity and precision make it an excellent choice for applications that require the measurement of low light levels.

Features:

Technical Characteristics

Wide Spectral Range

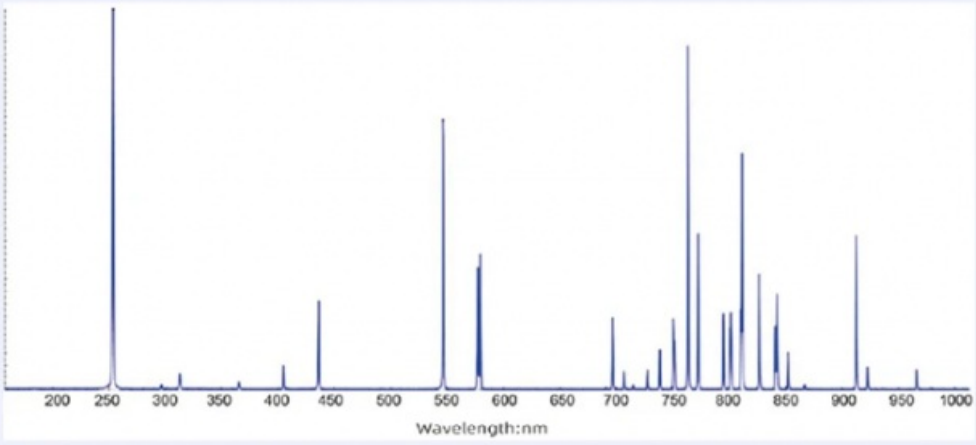
Customized spectral range supporting 200-1100nm



Test results and applications in the range of 200~1000nm–Mercury-Argon Lamp Spectrum

High Signal-to-Noise Ratio

Low-noise CMOS signal processing circuit, with excellent signal-to-noise ratio



Low Noise: Dark noise standard deviation is approximately 20 for 10ms

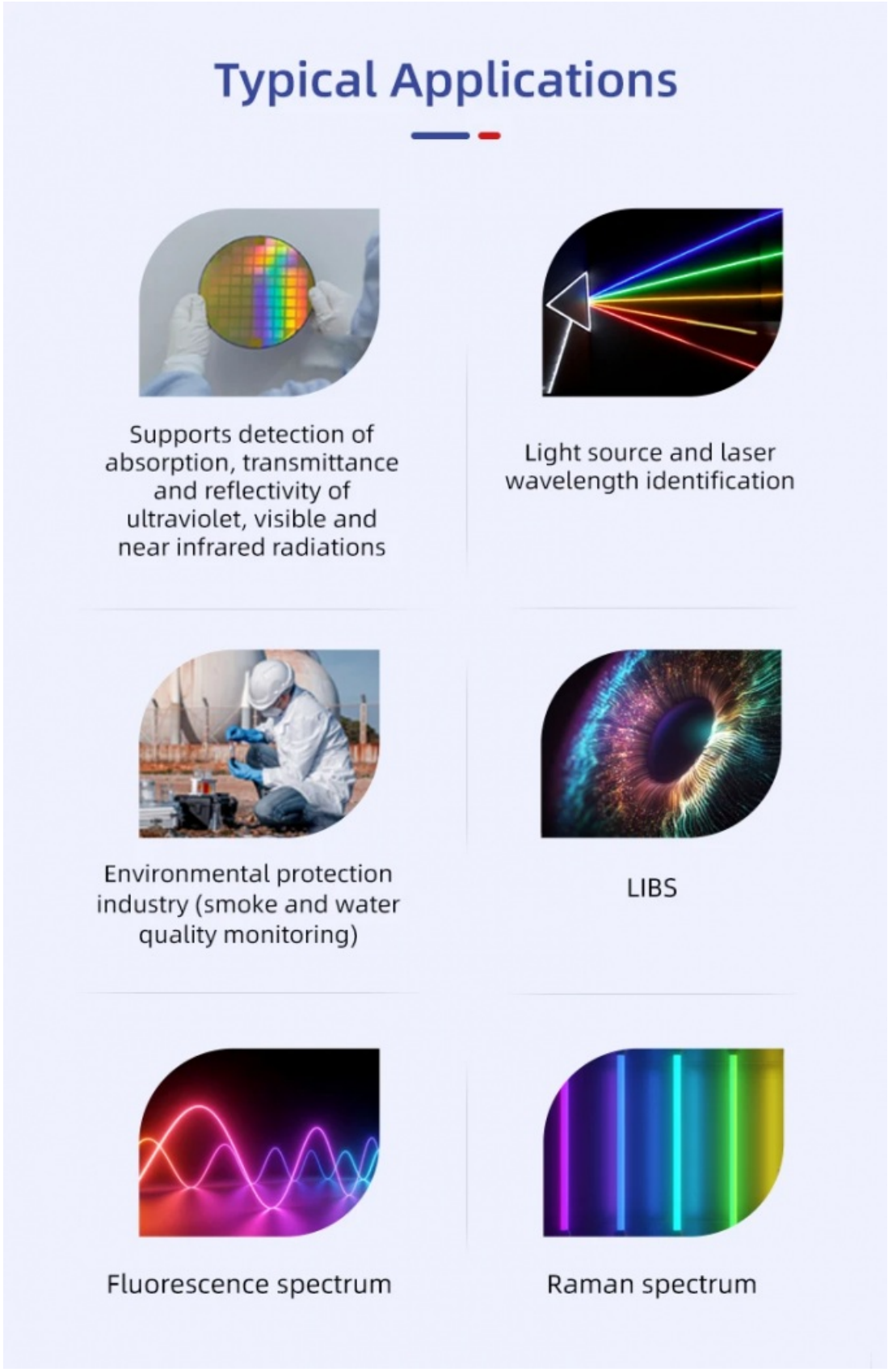
Technical Parameters:

Product Attribute	Technical Parameter
Product Name	Universal Compact Fiber Spectrometer
Type	Optical Fiber Spectral Analyzer
Measurement Range	200-1000 nm
Resolution	0.3 nm-3.5nm
Wavelength Accuracy	±0.3 nm

Integration Time	1-65535 ms
Detector	Linear CCD
Interface	USB 2.0
Compatibility	Windows, Linux, Mac OS
Applications	Fiber Optic Spectral Measurement Devices

Applications:

One of the main applications of the SR50C is in the field of Fiber Optic Spectroscopy Analyzers. These analyzers are used to measure the spectral characteristics of a sample using fiber optic technology. The SR50C is ideal for this application due to its high sensitivity and accuracy. It is capable of measuring a wide range of wavelengths, making it suitable for use with a variety of samples.
Another application for the SR50C is in Fiber Optic Spectral Monitoring Equipment. This type of equipment is used to monitor the spectral characteristics of a sample over time. The SR50C is perfect for this application due to its ability to record data in real-time. It is also small and compact, making it easy to install in a laboratory or on-site.



Support and Services:

The Universal Compact Fiber Spectrometer is designed to provide accurate and reliable measurements for a wide range of applications. Our product technical support team is available to assist with any questions or issues that may arise during setup or operation of the spectrometer. Our services include:

Assistance with initial setup and installation

Training on proper use and operation of the spectrometer

Technical support for troubleshooting and problem resolution

Calibration and maintenance services to ensure accurate and reliable measurements

Customization and integration services to meet specific application requirements

Packing and Shipping:

Product Packaging:
The Universal Compact Fiber Spectrometer will be shipped to you in a sturdy cardboard box with adequate packaging materials to ensure safe delivery. Inside the box, you will find:

The Universal Compact Fiber Spectrometer unit

A USB cable for data transfer and charging

A user manual

Shipping:
We ship worldwide and offer various shipping options to meet your needs. Our standard shipping is through reputable courier services and delivery time varies depending on your location. Once your order has been shipped, you will receive a tracking number to monitor the delivery status of your package.

FAQ:

Q: What is the brand name of the fiber spectrometer?
A: The brand name of the fiber spectrometer is JINSP.
Q: What is the model number of the fiber spectrometer?
A: The model number of the fiber spectrometer is SR75C.
Q: What certifications does the fiber spectrometer have?
A: The fiber spectrometer is CE certified.
Q: Where is the fiber spectrometer manufactured?
A: The fiber spectrometer is manufactured in China.
Q: What is the minimum order quantity for the fiber spectrometer?
A: The minimum order quantity for the fiber spectrometer is 1.
Q: Is the price of the fiber spectrometer negotiable?
A: Yes, the price of the fiber spectrometer is negotiable.
Q: What are the payment terms for the fiber spectrometer?
A: The payment terms for the fiber spectrometer are T/T and Western Union.
Q: What is the supply ability of the fiber spectrometer?
A: The supply ability of the fiber spectrometer is 100 PCS/70-90 days.
Q: What is the delivery time for the fiber spectrometer?
A: The delivery time for the fiber spectrometer is 30-50 working days.
Q: What are the packaging details for the fiber spectrometer?
A: The packaging details for the fiber spectrometer are customized packaging.

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