

SR75C CMOS Fiber Optic Spectrometers For Environmental Monitoring

Our Product Introduction

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Basic Information

- Place of Origin: CHINA
- Brand Name: JINSP
- Certification: CE ISO9001
- Model Number: SR75C
- 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: 200-1100nm
- Detector Type: Linear Array CMOS, Hamamatsu S11639
- Wavelength Accuracy: +/- 0.3 Nm
- Integration Time: 1ms- 60s
- Highlight: **CMOS Fiber Optic Spectrometers, Environmental Monitoring Fiber Optic Spectrometers**
,
Environmental Monitoring fiber optic spectroscopy



More Images



Product Description

CMOS Fiber Optic Modular Spectrometers for Environmental Monitoring

Product Description:

The miniature fiber optic spectrometer is designed to be simple to use and can be operated through a USB 2.0 interface, making it easy to integrate into your existing system. Our compact design means that it can be easily integrated into your system without taking up too much space, making it ideal for use in small laboratory settings.

Our miniature fiber optic spectrometer is equipped with a range of features including automatic background correction, automatic dark current compensation, and a built-in shutter for stray light control. The spectrometer also features high-speed data acquisition, with a maximum acquisition rate of 10,000 spectra per second, making it ideal for use in high-speed applications.

The Universal Compact Fiber Spectrometer is a highly versatile instrument that can be used in a wide range of applications, including biomedical research, pharmaceuticals, agriculture, and food safety. Our modular design allows you to choose from a range of detectors and gratings, ensuring that you have the right tools for the job.

Whether you are looking for a miniature fiber optic spectrometer for use in a laboratory setting or an industrial application, our Universal Compact Fiber Spectrometer is the perfect solution. With its compact design, high-speed data acquisition, and wide range of features, it is the ideal choice for anyone looking for a reliable and versatile spectrometer.

Features:

Product Name: Universal Compact Fiber Spectrometer

Compact High Sensitivity OEM Spectrometer Module

CMOS Fiber Optic Spectrometer Module

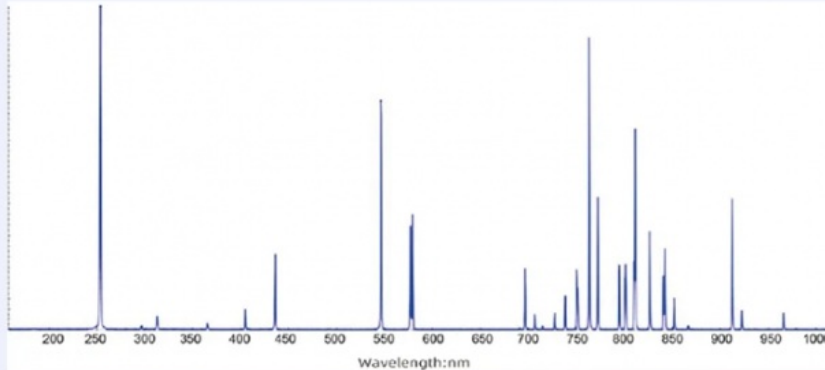
Technical Parameters:

Product Attribute	Description
Product Name	Universal Compact Fiber Spectrometer
Product Type	Compact Spectrometer Module
Sensor Type	CMOS
Optical Input	Fiber Optic
Product Size	Miniature Fiber Optic Spectrometer

Technical Characteristics

Wide Spectral Range

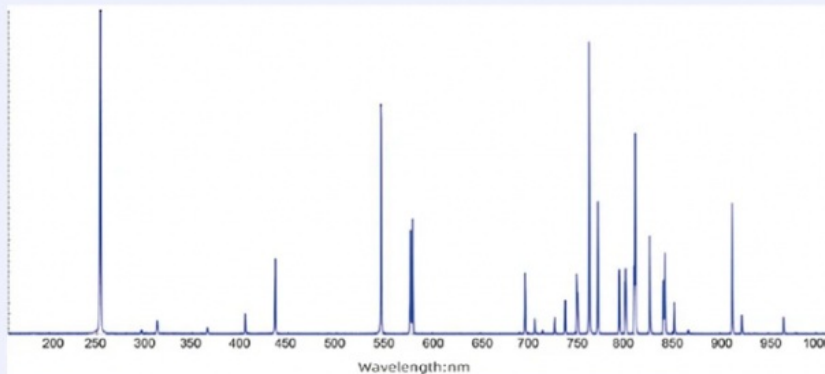
Customized spectral range supporting 200-1100nm



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

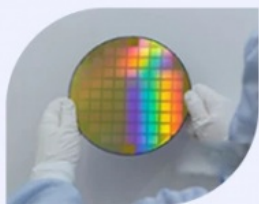
Applications:

The Universal Compact Fiber Spectrometer is commonly used in industries such as pharmaceuticals, food and beverage, environmental monitoring, and agriculture. It is ideal for analyzing the composition of materials, detecting impurities, and identifying unknown substances. In the pharmaceutical industry, it can be used to analyze the purity of drugs and detect counterfeit products. In the food and beverage industry, it can be used to determine the nutritional value of food and detect contaminants. In environmental monitoring, it can be used to detect pollutants and monitor air and water quality. In agriculture, it can be used to determine the nutrient content of soil and plants.

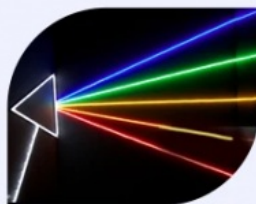
The JINSP SR75C is CE certified and manufactured in China. It has a minimum order quantity of 1 and the price is negotiable. Payment terms include T/T and Western Union. The supply ability is 100 PCS/70-90 days and delivery time is 30-50 working days. The packaging details can be customized to meet the specific needs of the customer.

Overall, the Universal Compact Fiber Spectrometer is a versatile and reliable tool for a wide range of applications. Its compact size and high sensitivity make it a valuable addition to any laboratory or testing facility. Whether you are analyzing pharmaceuticals, food and beverage, or environmental samples, the JINSP SR75C is an excellent choice for your spectroscopy needs.

Typical Applications



Supports detection of absorption, transmittance and reflectivity of ultraviolet, visible and near infrared radiations



Light source and laser wavelength identification



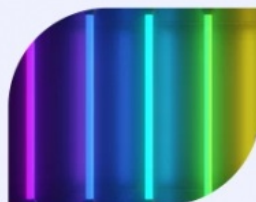
Environmental protection industry (smoke and water quality monitoring)



LIBS



Fluorescence spectrum



Raman spectrum

Support and Services:

Our Universal Compact Fiber Spectrometer product comes with comprehensive technical support and services to ensure the best performance and user experience.

We provide:

Product installation and setup guidance

Software support and updates

Calibration and maintenance services

Troubleshooting assistance

Training and education resources

Our team of experts is dedicated to helping our customers maximize the potential of their Universal Compact Fiber Spectrometer product. Contact us for any technical questions or service needs.

Company Profile



Packing and Shipping:

Product Packaging:

Universal Compact Fiber Spectrometer

USB Cable

User Manual

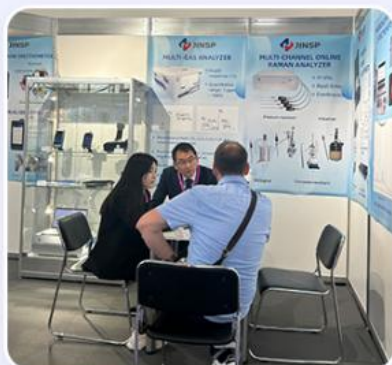
Shipping Details:

Shipping Method: International Shipping

Shipping Restrictions: This product can only be shipped within the United States.

Tracking Number: We will provide you with a tracking number once your order has been shipped.

Exhibition



FAQ:

- Q1:** What is the Brand Name of this product?
A1: The Brand Name of this product is JINSP.
- Q2:** What is the Model Number of this product?
A2: The Model Number of this product is SR75C.
- Q3:** Does this product have any certification?
A3: Yes, this product has CE certification.
- Q4:** Where is this product manufactured?
A4: This product is manufactured in China.
- Q5:** What is the minimum order quantity for this product?
A5: The minimum order quantity for this product is 1.
- Q6:** Is the price of this product negotiable?
A6: Yes, the price of this product is negotiable.
- Q7:** What are the payment terms for this product?
A7: The payment terms for this product are T/T and Western Union.
- Q8:** What is the supply ability for this product?
A8: The supply ability for this product is 100 PCS/70-90 days.
- Q9:** What is the delivery time for this product?
A9: The delivery time for this product is 30-50 working days.
- Q10:** What are the packaging details for this product?
A10: The packaging details for this product are customized packaging.



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