

## 200nm~1100nm High Resolution Compact Spectrometer Module for Industrial Integration

### 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

- Signal-To-Noise Ratio: 1000:1
- Integration Time: 1 Ms - 60 S
- Waverange: 200nm ~1000nm
- Fiber Connector: FC/PC Or SMA905
- Detector Pixels: 2048
- Power Supply: 5 VDC
- Highlight: **High Resolution Compact Spectrometer, 1100nm Compact Spectrometer, 200nm Industrial Spectrometer**



#### More Images



## Product Description

### Product Description:

Powered by CMOS Fiber Optic Modular Spectrometers, this compact spectrometer module provides users with a high level of flexibility and versatility. The device's modular design allows for easy customization, enabling users to select the specific wavelength range and resolution needed for their specific application.

The Universal Compact Fiber Spectrometer is incredibly easy to use, featuring an intuitive software interface that allows users to quickly and easily set up the device and perform spectral analysis. The device also features a compact and lightweight design, making it easy to transport and use in a variety of settings.

With a wavelength range of 200-1100nm and a resolution of up to 0.1nm, this compact spectrometer module delivers highly accurate and precise spectral analysis. The device's high signal-to-noise ratio ensures that even the smallest changes in spectral data are captured, making it an ideal tool for a wide range of applications.

Overall, the Universal Compact Fiber Spectrometer is a powerful and versatile device that offers users a high level of precision and accuracy in spectral analysis. Its compact and modular design, along with its ease of use, make it an ideal tool for a wide range of applications in various industries.

### Features:

Product Name: Universal Compact Fiber Spectrometer

Miniature Fiber Optic Spectrometer

Compact Spectrometer Module

Compact High Sensitivity OEM Spectrometer Module

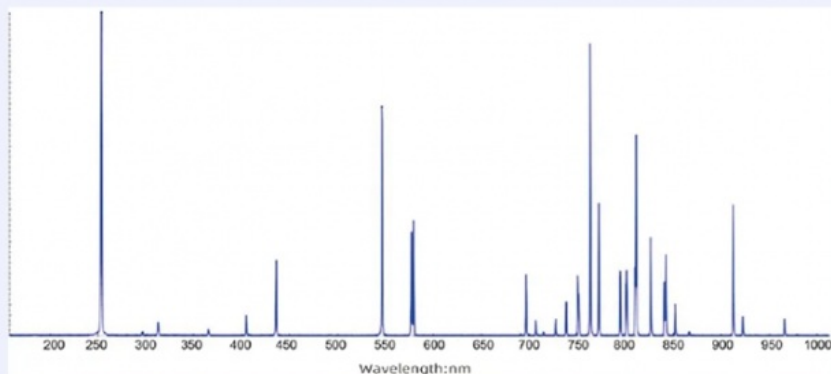
### Technical Parameters:

Product Attribute	Technical Parameter
Product Name	Universal Compact Fiber Spectrometer
Product Type	CMOS Fiber Optic Modular Spectrometers
Integration Type	Modular Spectrometers for Industrial Integration
Wavelength Range	200-1100nm
Resolution	0.2-10nm
Detector	CMOS linear image sensor
Dimensions	96mm x 62mm x 20mm
Weight	140g

# Technical Characteristics

## Wide Spectral Range

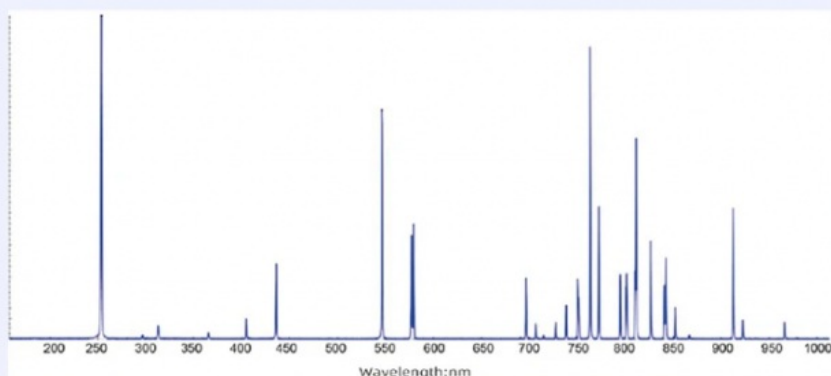
Customized spectral range supporting 200-1100nm



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:

JINSP's SR75C is a compact spectrometer module that can be used in a variety of applications. Its small size and modular design make it ideal for industrial integration. With its high sensitivity and accuracy, the SR75C is perfect for analyzing a wide range of materials and substances.

The SR75C is a CE certified product that originates from 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 the delivery time is 30-50 working days. Customized packaging is available to ensure safe delivery of the product.

One of the main applications of the SR75C is in the field of material analysis. It is commonly used in the chemical industry to analyze the composition of different substances. It can also be used in the pharmaceutical industry to analyze the purity of drugs and other substances.

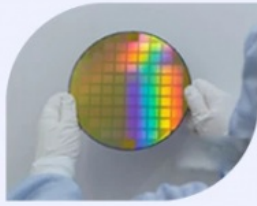
Another application of the SR75C is in the field of environmental monitoring. It can be used to detect pollutants in the air, water, and soil. This makes it an ideal tool for environmental agencies and research laboratories.

The SR75C is also used in the field of food and beverage analysis. It can be used to determine the nutritional content of food products and to detect any harmful substances that may be present.

In addition to these applications, the SR75C is also used in the field of medical research. It can be used to analyze blood samples and other bodily fluids for diagnostic purposes. Its compact size and high sensitivity make it an ideal tool for medical laboratories.

Overall, the SR75C is a compact high sensitivity OEM spectrometer module that is suitable for a wide range of applications. Its modular design makes it easy to integrate into industrial systems, and its high accuracy and sensitivity make it an invaluable tool for analysis and research.

# Typical Applications



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



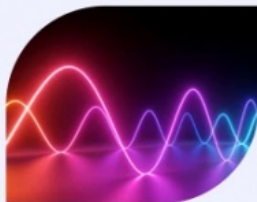
Light source and laser wavelength identification



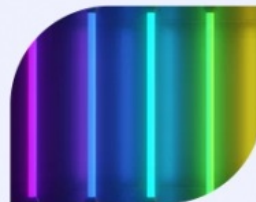
Environmental protection industry (smoke and water quality monitoring)



LIBS



Fluorescence spectrum



Raman spectrum

## Support and Services:

The Universal Compact Fiber Spectrometer is a high-performance, portable spectrometer designed for a wide range of applications. Our product technical support team is available to assist with any questions or issues you may encounter while using the spectrometer. Our services include:

Technical support via email or phone

On-site installation and training

Calibration and maintenance services

Repair and replacement services

Customization and integration services

We are committed to providing our customers with the highest level of support and service to ensure optimal performance and satisfaction with the Universal Compact Fiber Spectrometer.

# Company Profile



## Packing and Shipping:

Product Packaging:

One Universal Compact Fiber Spectrometer unit

USB cable for power and communication

User manual and software USB

Protective carrying case

Shipping Information:

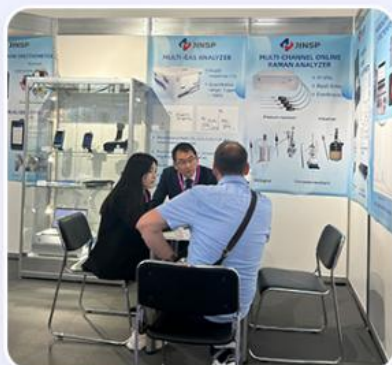
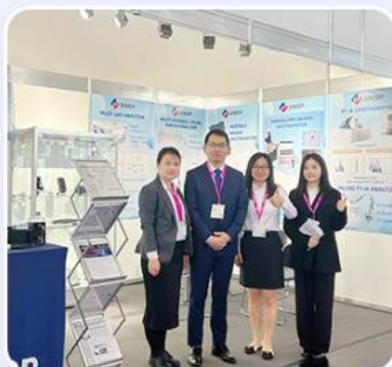
Shipping carrier: UPS

Shipping method: Ground

Shipping cost: Calculated at checkout



# Exhibition



## FAQ:

**Q: What is the brand name of this product?**

A: The brand name of this product is JINSP.

**Q: What is the model number of this product?**

A: The model number of this product is SR75C.

**Q: Is this product certified?**

A: Yes, this product is certified with CE.

**Q: Where is this product made?**

A: This product is made in China.

**Q: What is the minimum order quantity for this product?**

A: The minimum order quantity for this product is 1.

**Q: Is the price for this product negotiable?**

A: Yes, the price for this product is negotiable.

**Q: What are the payment terms for this product?**

A: The payment terms for this product are T/T and Western Union.

**Q: What is the supply ability for this product?**

A: The supply ability for this product is 100 PCS/70-90 days.

**Q: What is the delivery time for this product?**

A: The delivery time for this product is 30-50 working days.

**Q: How is this product packaged?**

A: This product is packaged with customized packaging.



**JINSP Company Ltd.**



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