



**JINSP Company Ltd.**  
spectralanalyser.com

## Highly Sensitive Fiber Optic Spectrometer For Accurate Detection

Our Product Introduction

for more products please visit us on [spectralanalyser.com](http://spectralanalyser.com)

### 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

- Highlight: **Highly Sensitive Fiber Optic Spectrometer, Accurate Detection Fiber Optic Spectrometer, Highly Sensitive fiber optic spectroscopy**

## Product Description

Highly Sensitive Optical Fiber Spectral Analyzers for Accurate Detection

### Product Description:

Our Fiber Optic Spectrum Analyzers are designed to measure the intensity of light in a wide range of wavelengths. This product utilizes a high-performance optical sensor, which can detect wavelengths ranging from 200 nm to 1100 nm. With a high resolution of up to 0.1 nm, our Spectral Fiber Optic Analyzers can provide accurate and reliable measurements for a variety of applications.

The Universal Compact Fiber Spectrometer is easy to use, with a user-friendly interface that allows users to quickly and easily analyze spectral data. The product comes with a variety of accessories, including a fiber optic cable, a USB cable, and a power adapter, making it a versatile and convenient tool for any application.

Our Fiber Optic Spectrum Analyzers are widely used in a variety of industries, including telecommunications, environmental monitoring, and biomedical research. Our product has been designed with the needs of these industries in mind, and is built to withstand harsh environments and rugged conditions.



### Features:

Product Name: Universal Compact Fiber Spectrometer

Spectral Fiber Optic Analyzers

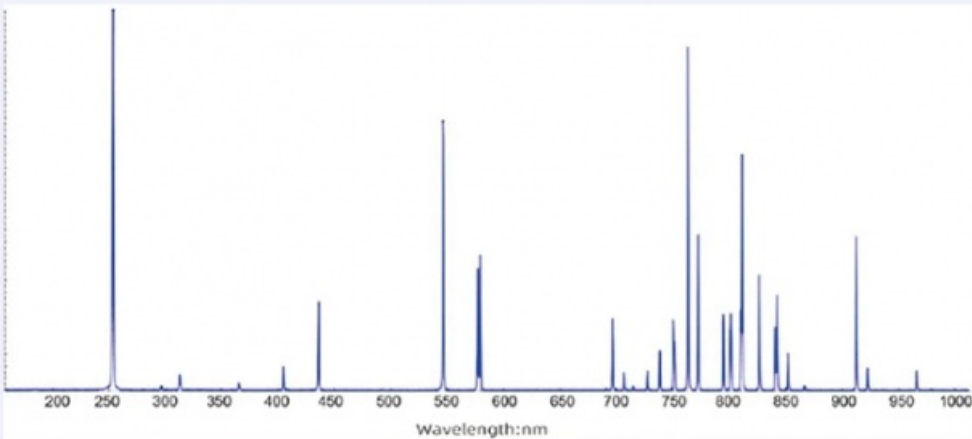
Fiber Optic Spectral Analyzers

Fiber Optic Spectroscopy Analyzers

# Technical Characteristics

## Wide Spectral Range

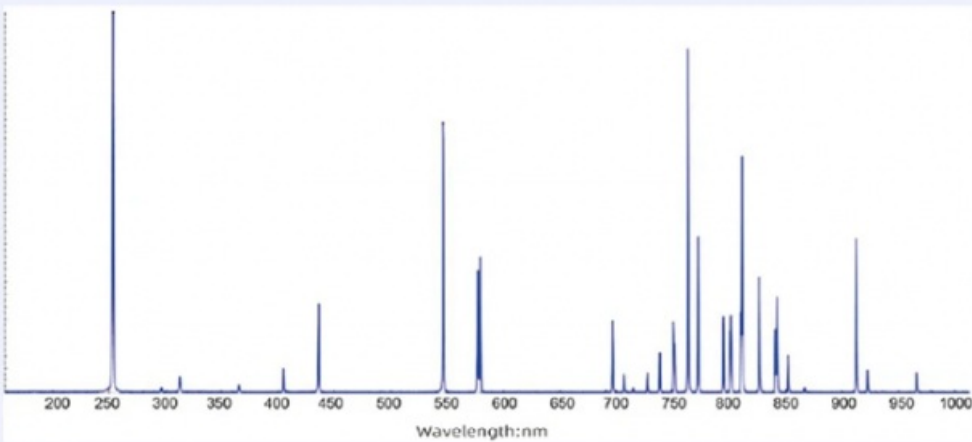
Customized spectral range supporting 200-1100nm



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	Description
Product Name	Universal Compact Fiber Spectrometer
Product Type	Fiber Optic Spectrum Analyzer
Measurement Range	200-1100 nm
Wavelength Accuracy	±0.3 nm
Optical Resolution	0.1-10 nm (depending on model)

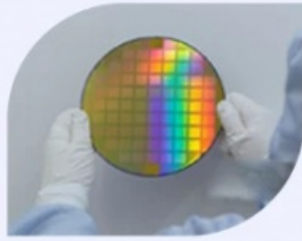
Detector Type	CMOS
Interface	USB 2.0
Application	Optical Fiber Spectroscopic Instruments

**Applications:**

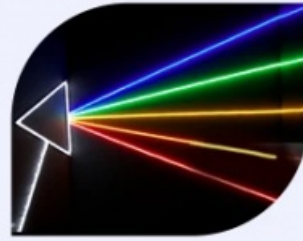
The SR50C is a versatile product that can be used in a variety of applications and scenarios. Some of the typical uses of this product are:

- Spectral analysis of liquids and gases
- Environmental monitoring
- Food and beverage analysis
- Medical diagnosis and research
- Process control in manufacturing

# Typical Applications



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



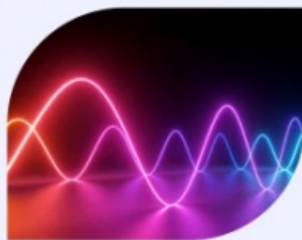
Light source and laser wavelength identification



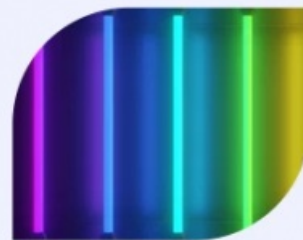
Environmental protection industry (smoke and water quality monitoring)



LIBS



Fluorescence spectrum



Raman spectrum

## Support and Services:

The Universal Compact Fiber Spectrometer product is supported by a team of experienced technical support and services professionals who are available to help customers with any questions or issues they may encounter. Our support team can assist with product installation, operation, maintenance, and troubleshooting. We also offer a range of additional services to help customers get the most out of their Universal Compact Fiber Spectrometer, including:

- Customized configuration and calibration

- On-site training and installation

- Repair and maintenance services

- Software and firmware updates

- Application development support

# Company Profile



## Packing and Shipping:

Product Packaging:

Universal Compact Fiber Spectrometer

USB cable

Calibration certificate

User manual

Shipping:

Shipping method: express

Expected delivery time: 30-50 business days

## FAQ:

Q: What is the brand of the compact fiber spectrometer?

A: The brand of the compact fiber spectrometer is JINSP.

Q: What is the model number of the spectrometer?

A: The model number of the spectrometer is SR50C.

Q: Does the spectrometer have any certification?

A: Yes, the spectrometer has CE certification.

Q: Where is the spectrometer made?

A: The spectrometer is made in China.

Q: What is the minimum order quantity for the spectrometer?

A: The minimum order quantity for the spectrometer is 1.

Q: Is the price of the spectrometer negotiable?

A: Yes, the price of the spectrometer is negotiable.

Q: What are the payment terms for purchasing the spectrometer?

A: The payment terms for purchasing the spectrometer are T/T and Western Union.

Q: What is the supply ability of the spectrometer?

A: The supply ability of the spectrometer is 100 PCS/70-90 days.

Q: What is the delivery time for the spectrometer?

A: The delivery time for the spectrometer is 30-50 working days.

Q: What is the packaging for the spectrometer?

A: The packaging for the spectrometer is customized packaging.



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