

Portable Fiber Optic Spectrometer SR50C With Integrated Temperature Sensor

Our Product Introduction

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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

- Dimensions: 76mm*65mm*38mm
- High Resolution: M-shape C-T Optical Design
- Weight: 220g
- Detector Type: Back-Illuminated CCD
- Spectral Range: 200-1100 Nm
- Fiber Connector: FC/PC
- Interface: USB 2.0
- Integration Time: 1 Ms - 60 S
- Highlight: **Portable Fiber Optic Spectrometer, Fiber Optic Spectrometer SR50C, SR50C optical fiber spectroscopy**

Product Description

Portable Spectrometer SR50C with Integrated Temperature Sensor

The Compact Spectrometer Module is equipped with a high-quality grating that provides excellent spectral resolution. It also features a high-speed CCD detector that captures fast-changing spectra with high accuracy. The device is designed to work with a wide range of fiber optic cables, making it suitable for use in a variety of applications.

The Miniature Fiber Optic Spectrometer is also highly versatile. It can be used for a wide range of applications, from measuring the spectral output of light sources to analyzing the composition of materials. The device can also be used in medical and biological research, as well as in environmental monitoring and quality control applications.



Features:

Product Name: Universal Compact Fiber Spectrometer
Compact Spectrometer Module
Miniature Fiber Optic Spectrometer
Portable
High resolution
Wide spectral range
Low stray light

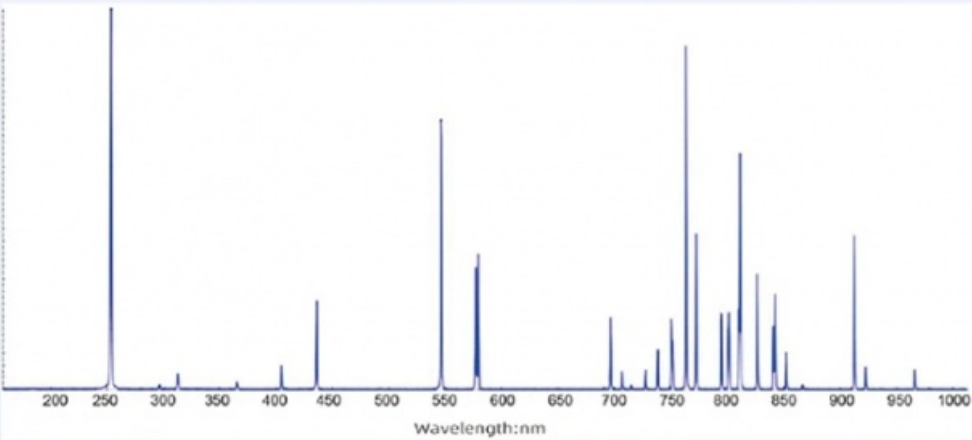
Technical Parameters:

Product Attribute	Description
Product Name	Compact High Sensitivity OEM Spectrometer Module
Type	Compact Spectrometer Module
Sensitivity	High Sensitivity

Technical Characteristics

Wide Spectral Range

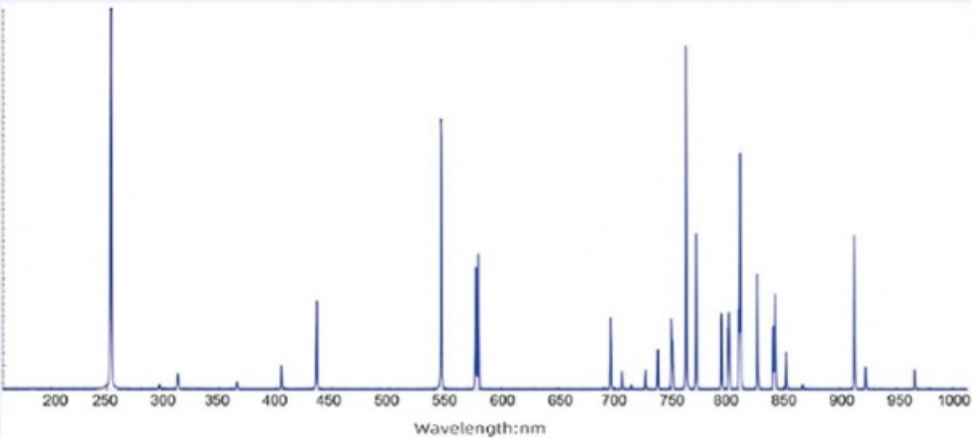
Customized spectral range supporting 200-1100nm



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



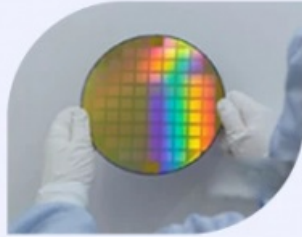
Low Noise: Dark noise standard deviation is approximately 20 for 10ms

Applications:

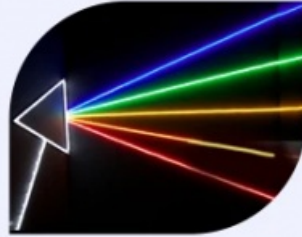
The SR50C spectrometer is a versatile device that can be used in a wide range of applications. Its compact size and modular design make it ideal for use in applications where space is limited, such as in research laboratories. The device is also suitable for use in field applications where portability is important. The SR50C spectrometer can be used in a variety of applications, including color measurement, fluorescence analysis, and UV/VIS/NIR spectroscopy.

The SR50C spectrometer is CE-certified and manufactured in China. The device has a minimum order quantity of 1 and is priced competitively. Payment terms include T/T and Western Union, and the supply ability is 100 PCS/70-90 days. The delivery time for the SR50C spectrometer is 30-50 working days, and customized packaging is available.

Typical Applications



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



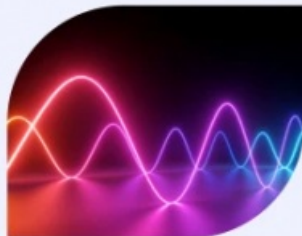
Light source and laser wavelength identification



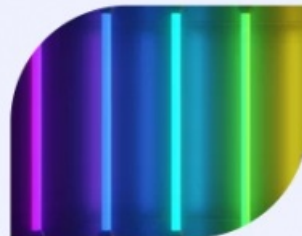
Environmental protection industry (smoke and water quality monitoring)



LIBS



Fluorescence spectrum



Raman spectrum

Support and Services:

The Universal Compact Fiber Spectrometer is a high-performance instrument that provides accurate and reliable measurements of optical spectra. Our product technical support and services include:

Product training and documentation to ensure optimal performance

Calibration and maintenance services to ensure accurate and reliable measurements

Software updates and upgrades to keep your instrument up-to-date

Our team of experienced engineers and technicians are dedicated to providing exceptional service and support to our customers. Please don't hesitate to contact us with any questions or concerns.

Packing and Shipping:

Product Packaging:

The Universal Compact Fiber Spectrometer comes in a sturdy cardboard box with foam inserts to protect the device during transportation.

The package also includes:

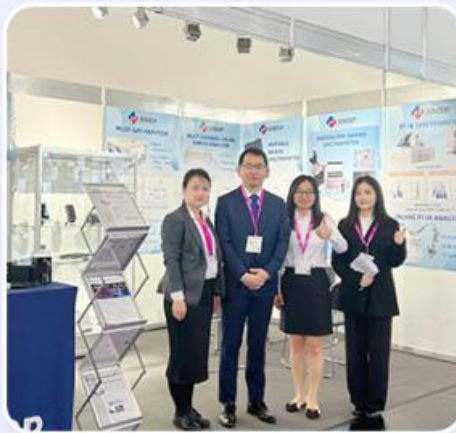
USB cable

User manual

Shipping:

The Universal Compact Fiber Spectrometer is shipped via a reputable courier service to ensure safe and timely delivery. Customers can track their shipments using the tracking number provided via email.

Exhibition



FAQ:

Q:What is the brand name of this fiber spectrometer?

A:JINSP is the brand name of this fiber spectrometer.

Q:What is the model number of this fiber spectrometer?

A:The model number of this fiber spectrometer is SR50C.

Q:What certification does this fiber spectrometer have?

A:This fiber spectrometer has CE certification.

Q:Where is this fiber spectrometer made?

A:This fiber spectrometer is made in China.

Q:What are the payment terms for this product?

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



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