

Optical Fiber Spectrometer Small Size Big Capabilities For Spectral Analysis

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

- Detector Pixels: 2048
- Detector Type: Linear Array CMOS, Hamamatsu S11639
- Fiber Connector: FC/PC
- Spectral Range: 200-1000 Nm
- Model: SR50C Fiber Spectrometer
- Integration Time: 1 Ms - 60 S
- Weight: 220g
- Dimensions: 76mm*65mm*36mm
- Highlight: **Fiber Spectrometer Small Size,
Big Capabilities Fiber Spectrometer,
Spectral Analysis optical fiber spectrometer**

Product Description

Universal Compact Fiber Spectrometer Small Size Big Capabilities for Spectral Analysis

Product Description:

The Universal Compact Fiber Spectrometer is engineered to cater to your every need in fiber optic spectral analysis. It is equipped with a high-performance optical system, which provides you with exceptional sensitivity and resolution. This means that you can detect even the slightest changes in your sample's optical properties.

The compact design of this Fiber Optic Spectral Analyzer makes it easy to use and transport. It is ideal for fieldwork, research, and laboratory use. You can take it anywhere with you and obtain accurate and reliable results every time. The device is user-friendly and can be operated with ease, even by those who are new to fiber optic spectral analysis.



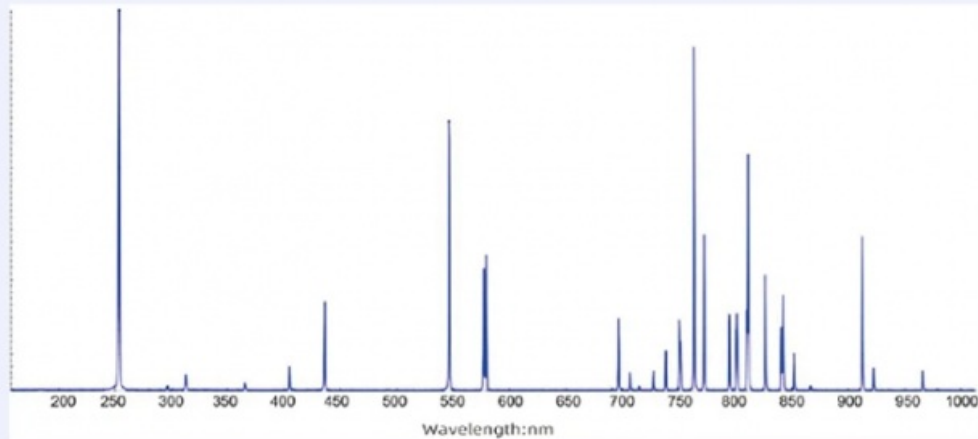
Features:

- Product Name: Universal Compact Fiber Spectrometer
- Fiber Optic Spectroscopy Analyzers
- Fiber Optic Spectrum Analyzers
- Optical Fiber Spectral Analyzers
- High resolution and accuracy
- Compact and portable design
- Wide spectral range
- Multiple user-selectable slit options
- USB connectivity for easy data transfer
- Compatible with various operating systems
- Low power consumption
- Real-time spectral analysis
- Easy-to-use software interface

Technical Characteristics

Wide Spectral Range

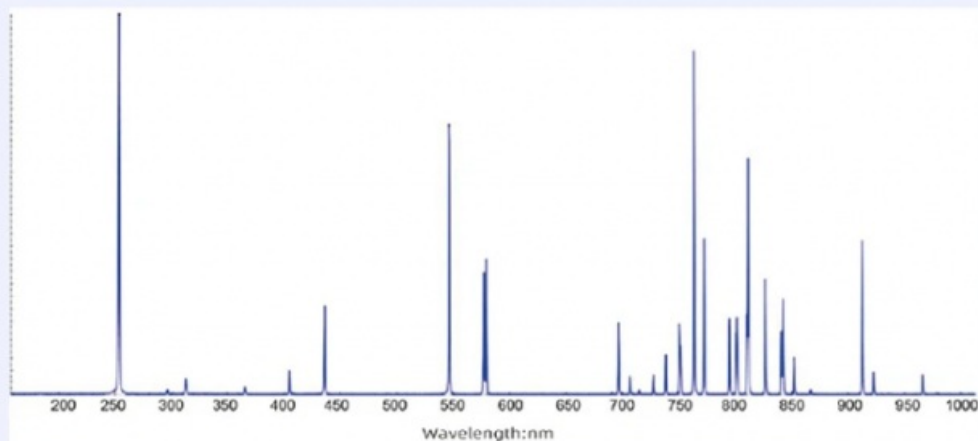
Customized spectral range supporting 200-1100nm



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:

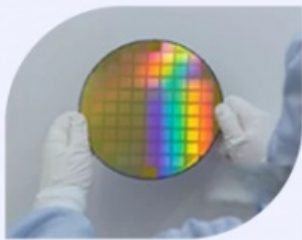
Product Attribute	Technical Parameter
Product Name	Universal Compact Fiber Spectrometer
Type	Spectral Fiber Optic Analyzer
Measurement Range	200-1000 nm
Resolution	0.3nm-3.5nm
Integration Time	10 μ s - 10 s

Detector Type	CCD
Interface	USB 2.0
Application	Spectral Fiber Optic Sensing Devices, Fiber Optic Spectral Analyzers

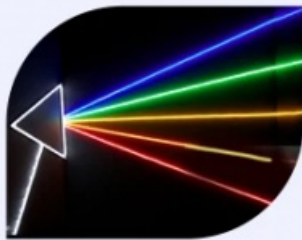
Applications:

The JINSP SR50C is an ideal solution for a wide range of applications, including environmental monitoring, food safety analysis, and medical research. It is particularly useful in the pharmaceutical industry, where precise spectral measurements are essential for quality control and research and development. The device can also be used in the agricultural industry to analyze soil and crop health. The JINSP SR50C is compact and portable, making it easy to use in the field or laboratory. It has a high signal-to-noise ratio, ensuring accurate and reliable measurements. The device is also user-friendly, with an intuitive interface that makes it easy to operate.

Typical Applications



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



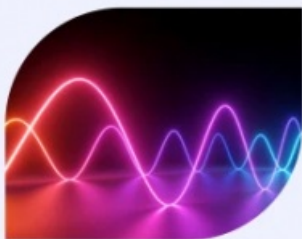
Light source and laser wavelength identification



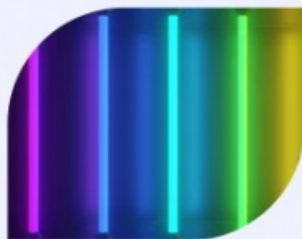
Environmental protection industry (smoke and water quality monitoring)



LIBS



Fluorescence spectrum



Raman spectrum

Support and Services:

Our technical support and services for the Universal Compact Fiber Spectrometer include:

Expert technical support from our team of experienced engineers

Product repair and maintenance services

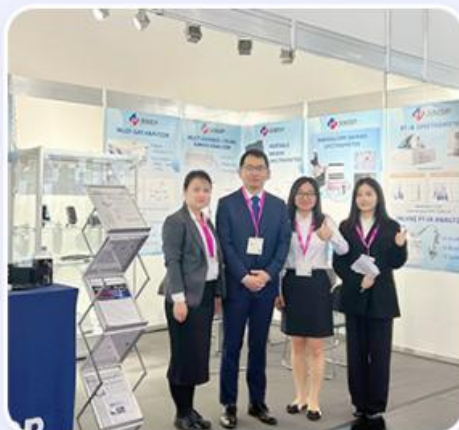
Calibration and verification services to ensure accurate measurements

Customized training programs to help you get the most out of your instrument

Company Profile



Exhibition



Packing and Shipping:

Product Packaging for Universal Compact Fiber Spectrometer:

1 Universal Compact Fiber Spectrometer

1 USB cable

1 User Manual

1 Calibration Certificate

Shipping Information:

Shipping Method: DHL Express

Shipping Time: 30 business days

Tracking Number: Provided upon shipment

FAQ:

Q1: What is the brand name of this spectrometer?

A1: The brand name of this spectrometer is JINSP.

Q2: What is the model number of this spectrometer?

A2: The model number of this spectrometer is SR50C.

Q3: Does this spectrometer have any certification?

A3: Yes, this spectrometer has CE certification.

Q4: Where is this spectrometer manufactured?

A4: This spectrometer is manufactured in China.

Q5: What are the payment terms for purchasing this spectrometer?

A5: The payment terms for purchasing this spectrometer are T/T and Western Union.



JINSP Company Ltd.



8618620854039



phoebeyu@jinsptech.com



spectralanalyser.com

21st Floor, Building D, Tsinghua Tongfang Science and Technology Plaza, Haidian District, Beijing China