

Compact Mini Spectrometer Single Core Fiber Optic SMA-905 Fiber Input Interface

Our Product Introduction

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Basic Information

- Place of Origin: CHINA
- Brand Name: JINSP
- Certification: CE
- 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

- Fiber Type: Single Core Fiber
- High Resolution: M-shape C-T Optical Design
- Power Consumption: 12 VDC, 1.5 A
- Fiber Connector: FC/PC
- Pintegration Time: 1ms-60s
- Wavrange: 200nm ~1000nm
- Chip Type: Linear Array CMOS, Hamamatsu S11639
- Fiber Input Interface: SMA-905, Free Space
- Highlight: **Fiber Optic mini spectrometer, compact fiber optic spectrometer, SMA-905 fiber optic spectrometer**



More Images



Product Description

Product Description:

With an effective pixel of 2048 and a linear array CMOS chip type, specifically the Hamamatsu S11639, this Fiber Spectrometer can accurately detect and measure the intensity of light across a broad wavelength range. It also features a compact design, measuring only 76mm*65mm*36mm, making it easy to use and carry around.

The Universal Compact Fiber Spectrometer is equipped with a USB 2.0 or Serial Port data output interface, enabling users to easily transfer data to a computer or other devices. This feature ensures that users can analyze and interpret data in real-time, allowing for a more efficient and effective data collection process.

Overall, the Universal Compact Fiber Spectrometer is an essential tool for anyone seeking accurate and reliable measurements of light intensity across a broad wavelength range. With its advanced features and compact design, it is the perfect choice for researchers, engineers, and other professionals who require high-precision measurements for their work. Get your hands on the Universal Compact Fiber Spectrometer today and experience the power of Laser Spectrum Analyzers!



Features:

Product Name: Universal Compact Fiber Spectrometer

Fiber Input Interface: SMA-905, Free Space

Optical Design: M Type C-T light path

Wavelength Range: 200nm ~ 1100nm, Support Customizing

Operating Humidity: 90%RH (no Condensation)

Name: SR50C Fiber Optic Spectrometer

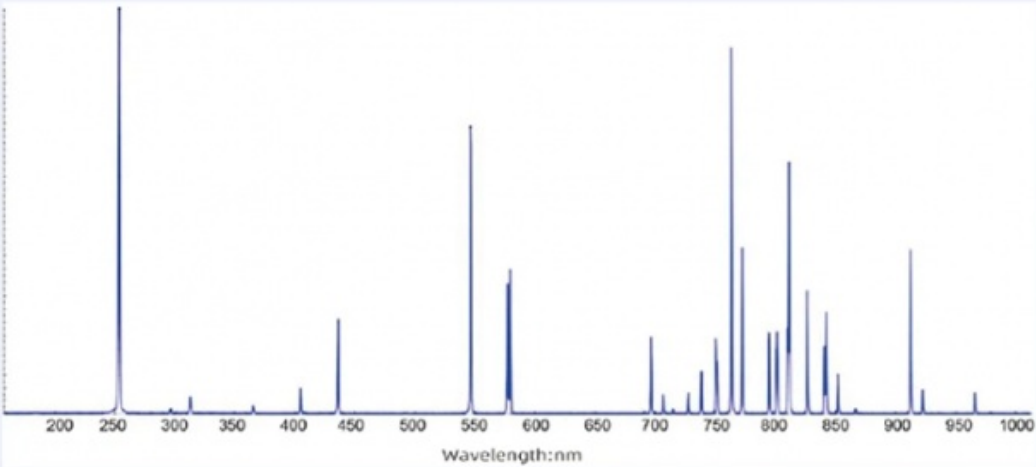
Our Universal Compact Fiber Spectrometer is a powerful tool for Fiber Optic Spectroscopy Analyzers, Spectral Fiber Optic Detectors, and Spectral Fiber Optic Detectors.

Technical Characteristics



Wide Spectral Range

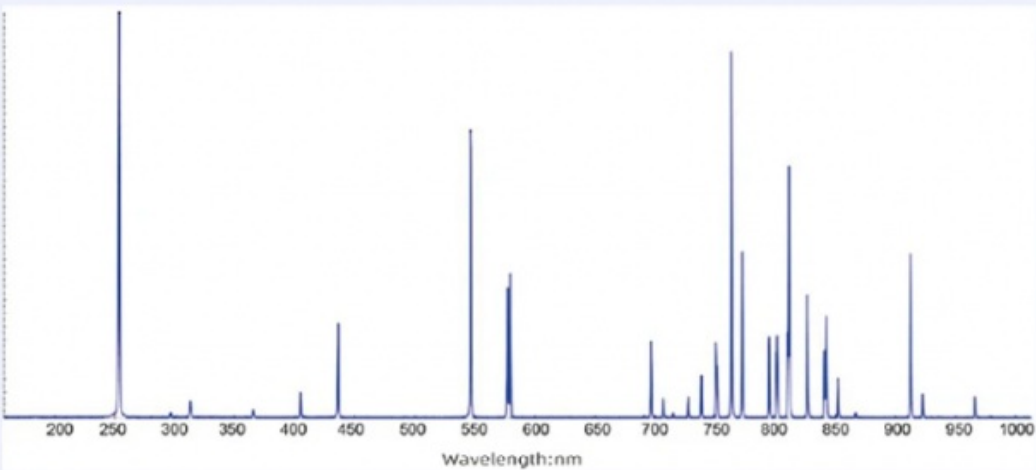
Customized spectral range supporting 200-1100nm



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:

Data Output Interface:	USB 2.0 Or Serial Port
Sensing Area:	28.7mm *0.2mm
Operating Humidity:	90%RH (no Condensation)

Dimensions:	76mm*65mm*36mm
Wavelength Range:	200nm ~ 1100nm, Support Customizing
Effective Pixel:	2048
Spectral Resolution:	0.1-10 Nm
Chip Type:	Linear array CMOS, Hamamatsu S11639
Weight:	220g
Name:	SR50C Fiber Optic Spectrometer

Applications:

The JINSP SR75C is suitable for a wide range of applications, including but not limited to:

Research and development laboratories

Quality control and assurance in manufacturing

Environmental monitoring

Food and agriculture industry

Medical and pharmaceuticals industry

The product has an effective pixel of 2048 and a weight of 220g, making it lightweight and easy to carry around. It operates in a wavelength range of 200nm to 1100nm, with support for customizing. The Fiber Connector used is FC/PC, which is compatible with multiple fiber types.

The JINSP SR75C has an operating humidity of less than 90% RH (no condensation), making it suitable for use in various environmental conditions.

Support and Services:

The Universal Compact Fiber Spectrometer product comes with a comprehensive technical support and services package to ensure that our customers have a seamless experience with our product. Our technical support team is available to assist with any product-related questions, troubleshooting, and maintenance. We also provide calibration and repair services to ensure that the product continues to perform at its optimal level. In addition, we offer training and education services to help our customers understand the full capabilities of the product and how to best utilize it for their specific needs. Our goal is to provide our customers with the highest level of support and services to ensure their satisfaction with our product.

Packing and Shipping:

Product Packaging:

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

The package includes:

Universal Compact Fiber Spectrometer

USB cable

Power adapter

User manual

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 spectrometer?

A2: The model number of this spectrometer is SR75C.

Q3: Does this product have any certification?

A3: Yes, this product has CE certification.

Q4: Where is this spectrometer made?

A4: This spectrometer is made in China.

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

A5: The payment terms for purchasing this product include T/T and Western Union. The price is negotiable and the minimum order quantity is 1.



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