

Water And Environmental Protection Optical Fiber Spectrometer Light Weight

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

- Weight: 310g
- Low Temperature Drift: Integrated Temperature Sensor And Temperature Drift Compensation Algorithm
- Chip Type: Linear Array CMOS, Hamamatsu S11639
- Flexible Application: Supports Output Of Spectrum Data Via USB And Serial Port,to Integrate The Applications
- Effective Pixel: 2048
- Data Output Interface: USB 2.0 Or Serial Port
- Highlight: **Environmental Protection Optical Fiber Spectrometer**
,
Environmental Protection fiber optic spectrophotometer
, **Optical Fiber Spectrometer Light Weight**

Product Description

Water and Environmental Protection Universal Compact Fiber Spectrometer

Product Description:

The Universal Compact Fiber Spectrometer is an optic spectrometer that is designed to deliver accurate and reliable results. It is ideal for use in research laboratories, manufacturing facilities, and other applications where precise spectral analysis is required. With this fiber spectrometer, you can easily measure the wavelength and intensity of light, and use this information to determine the properties of a sample.

Whether you are looking to perform quality control testing, spectral analysis, or other types of research, this spectrometer is the perfect tool for the job. With its high signal-to-noise ratio, linear array CMOS chip, and compact design, the Universal Compact Fiber Spectrometer is sure to deliver the accurate and reliable results you need.

High-resolution Fiber Optic Spectrometer

High resolution Low noise

SR75C



Features:

Product Name: Universal Compact Fiber Spectrometer

Weight: 310g

High Signal-to-Noise Ratio: Low-noise CMOS signal processing circuit, with excellent signal-to-noise ratio

Sensing Area: 28.7mm * 0.2mm

Effective Pixel: 2048

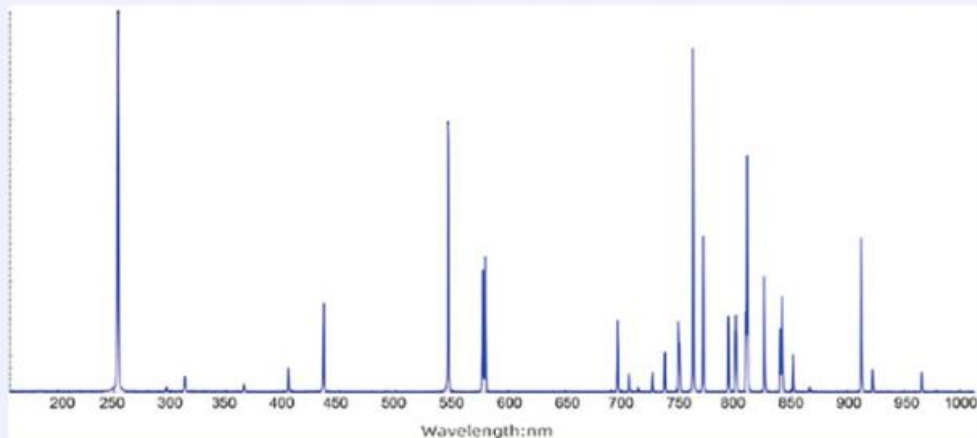
This Universal Compact Fiber Spectrometer is a mini spectrometer with high signal-to-noise ratio, making it an excellent optic

Technical Characteristics



Wide Spectral Range

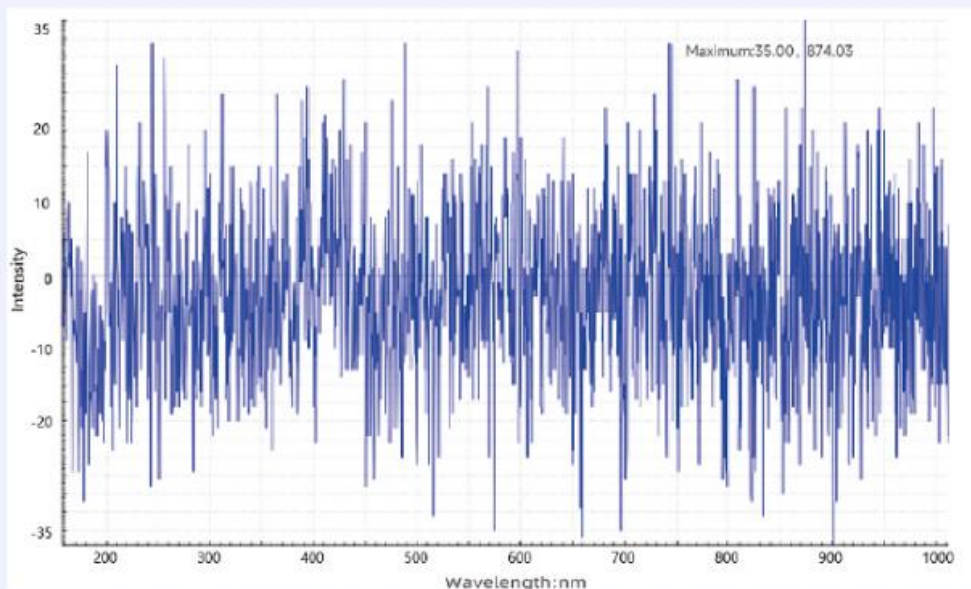
Supports customized spectrum range of 200-1000nm



Test results and applications in the range of 200~1000nm

High Signal-to-Noise Ratio

Low-noise CMOS signal processing circuit, with excellent signal-to-noise ratio

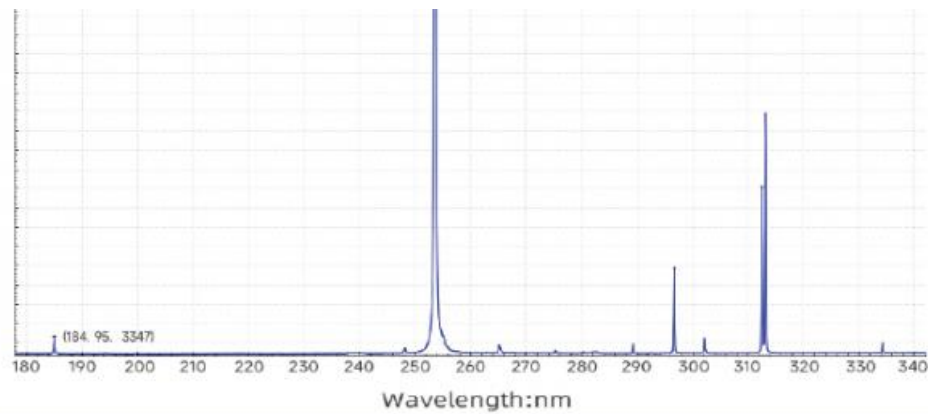


Low Noise: Dark noise standard deviation is approximately 20 for 10ms

High Resolution

M-shape C-T optical design

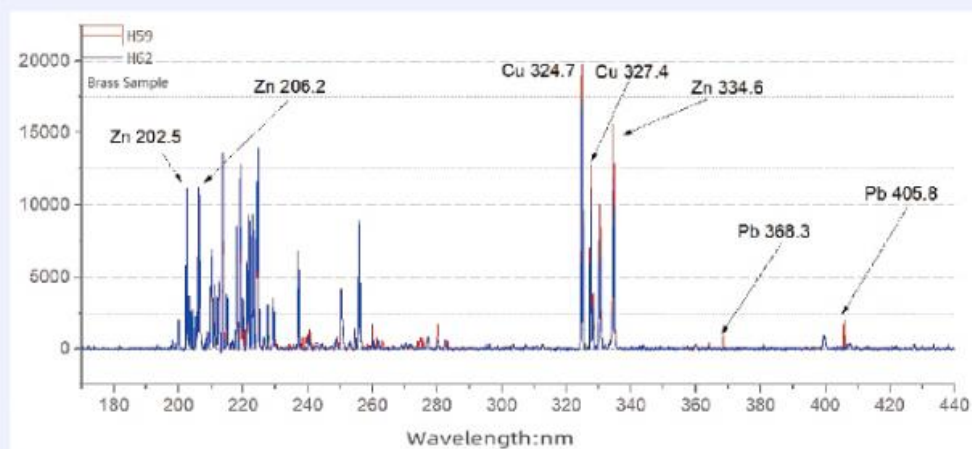




Mercury-Argon Lamp Spectrum (UV 180340nm, Resolution 0.15nm)

Flexible Application

Supports output of spectrum data via USB and serial port, to integrate the applications



LIBS Mineral User Test Results

Technical Parameters:

Product Attribute	Value
Spectrometer Type	Fiber Spectrometer
Effective Pixel	2048
High Resolution	M-shape C-T optical design
Dimensions	110mm*95mm*40.5mm
Sensing Area	28.7mm *0.2mm
Optical Design	M Type C-T light path
Chip Type	Linear array CMOS, Hamamatsu S11639
Weight	310g
Flexible Application	Supports output of spectrum data via USB and serial port, to integrate the applications

Applications:

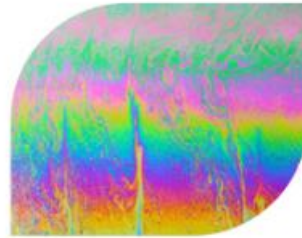
The JINSP SR75C spectrometer is equipped with a linear array CMOS chip type, Hamamatsu S11639. This spectrometer has a high resolution, M-shape C-T optical design, which makes it perfect for Raman spectrometer, mini spectrometer, and optic spectrometer applications. The entrance slit width for this product is customizable, with options of 10μm, 25μm, 50μm, 100μm, and 200μm. The JINSP SR75C spectrometer can be used for various occasions and scenarios. This product can be used in research laboratories for Raman spectrometer applications, where it can be used to analyze the vibrational modes of molecules. This product can also be used in mini spectrometer applications, where it can be used to measure the wavelength and intensity of light sources. Additionally, this product can be used in optic spectrometer applications, where it can be used to measure the spectral composition of light sources.

Typical Applications



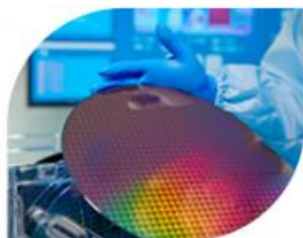
Flue Gas: Monitoring and identification of components in flue gas emissions.

Detection of absorbance, transmittance, and reflectance in ultraviolet, visible, and near-infrared spectra



LIBS: Used for analyzing soil and minerals in geological detection and mining-related work.

Water Quality and Environmental Protection: Online monitoring of organic substances and dissolved oxygen levels in environmental water.



Light source and laser wavelength identification

Support and Services:

The Universal Compact Fiber Spectrometer product comes with a range of technical support and services to ensure optimal performance and customer satisfaction. These include:

- Expert technical support via phone or email

- Comprehensive product documentation, including manuals and user guides

- Regular software updates and bug fixes

- Calibration and validation services to ensure accurate and reliable measurements

- Customization options to meet specific customer requirements

Our dedicated team of support specialists and engineers are committed to providing exceptional service and technical expertise to our customers, ensuring that the Universal Compact Fiber Spectrometer product consistently delivers reliable and accurate results.

Company Profile



Packing and Shipping:

Product Packaging:

The Universal Compact Fiber Spectrometer is carefully packed to ensure safe delivery. The product is placed in a sturdy cardboard box with foam inserts to prevent any damage during shipping. The package also includes a USB cable, a calibration certificate, and a 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 product?

A2: The model number of this product is SR75C.

Q3: Is this product certified?

A3: Yes, this product is CE certified.

Q4: Where is this product made?

A4: This product is made in China.

Q5: What is the minimum order quantity for this product?

A5: The minimum order quantity for this product is 1.

Q6: Is the price of this product negotiable?

A6: Yes, the price of this product is negotiable.

Q7: What are the payment terms for this product?

A7: The payment terms for this product are T/T and Western Union.

Q8: What is the supply ability for this product?

A8: The supply ability for this product is 100 PCS/70-90 days.

Q9: How long does it take to deliver this product?

A9: The delivery time for this product is 30-50 working days.

Q10: How is this product packaged?

A10: This product is packaged according to customized packaging.





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