



JINSP Company Ltd.
spectralanalyser.com

High Resolution Mini Spectrometer For UV Visible And Near-Infrared Spectra Detection

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

- Numerical Aperture: 0.085
- Flexible Application: Supports Output Of Spectrum Data Via USB And Serial Port,to Integrate The Applications
- Chip Type: Linear Array CMOS, Hamamatsu S11639
- Dimensions: 110mm*95mm*40.5mm
- Optical Design: M Type C-T Light Path
- Operating Humidity: 90%RH (no Condensation)
- Highlight: **High Resolution Mini Spectrometer,**
High Resolution compact spectrometer ,
Spectra Detection Mini Spectrometer

Product Description

Mini Spectrometer for UV Visible and Near-Infrared Spectra Detection

Product Description:

The entrance slit width of the Universal Compact Fiber Spectrometer can be customized to meet the specific needs of your application, with options available in 10 μ m, 25 μ m, 50 μ m, 100 μ m, and 200 μ m. This ensures that you can achieve the best possible results from your measurements, no matter the conditions.

The optical design of the Universal Compact Fiber Spectrometer is based on the M Type C-T light path, which provides outstanding stability and repeatability. This design ensures that you can obtain accurate and reliable results, even in challenging conditions.

In summary, the Universal Compact Fiber Spectrometer is a handheld mini spectrometer that offers outstanding flexibility and reliability for Raman spectrometer measurements. With its customizable entrance slit width, M Type C-T light path optical design, low temperature drift, and flexible application, it is an ideal solution for a wide range of applications.

High-resolution Fiber Optic Spectrometer

High resolution Low noise

SR75C



Features:

Product Name: Universal Compact Fiber Spectrometer

Sensing Area: 28.7mm *0.2mm

Wide Spectral Range: Supports customized spectrum range of 200-1000nm

Entrance Slit Width: 10 μ m, 25 μ m, 50 μ m, 100 μ m, 200 μ m (customizable)

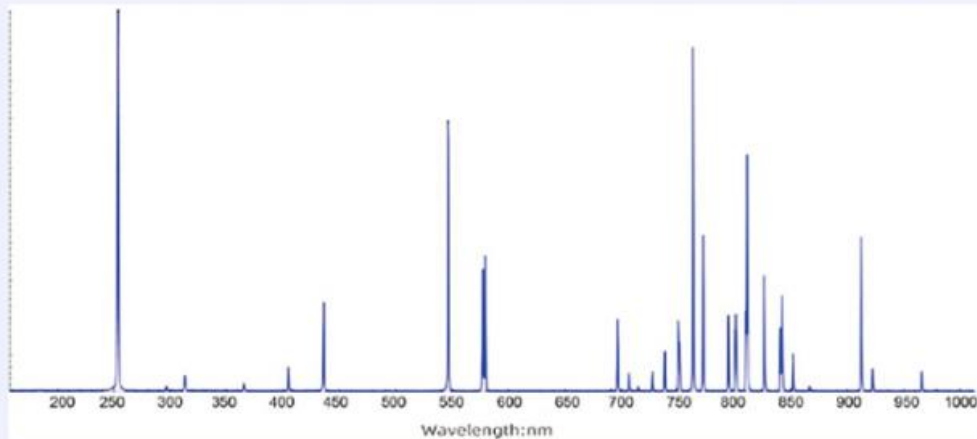
Effective Pixel: 2048

Technical Characteristics



Wide Spectral Range

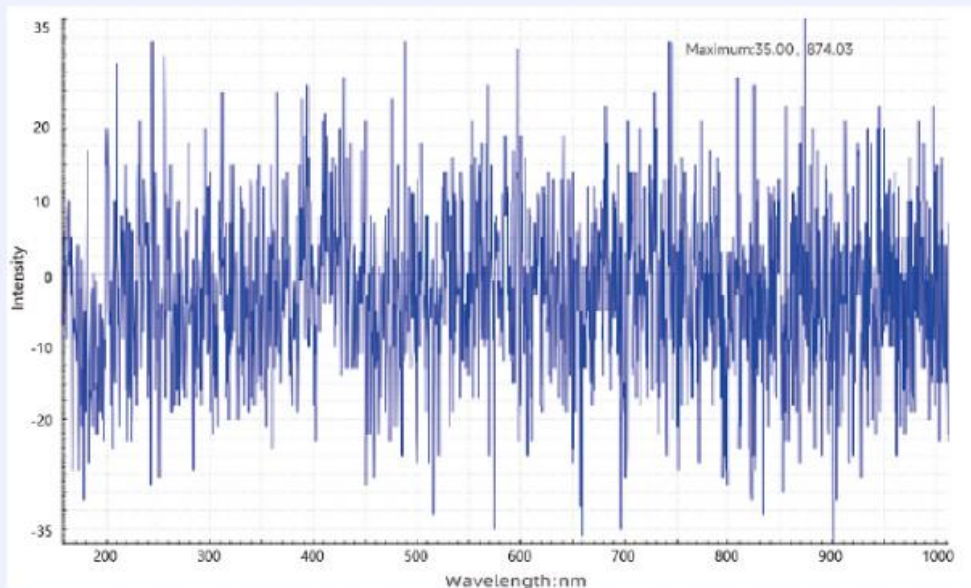
Supports customized spectrum range of 200-1000nm



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

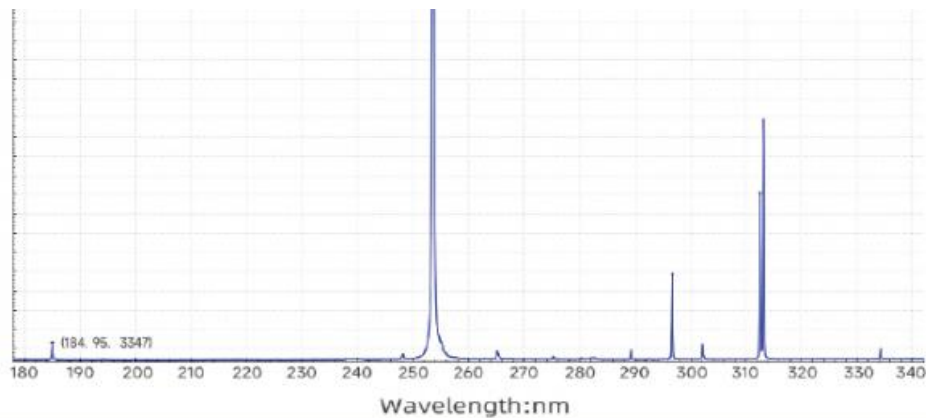


Low Noise: Dark noise standard deviation is approximately 20 for 10ms

High Resolution

M-shape C-T optical design

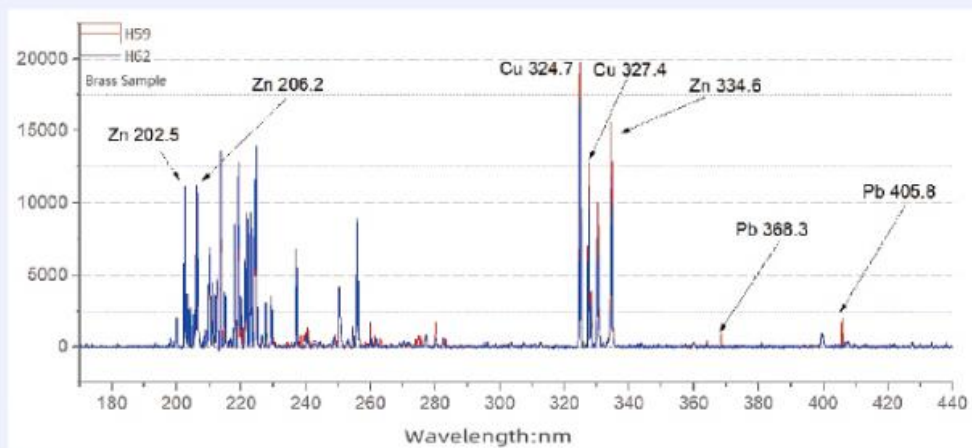




Mercury-Argon Lamp Spectrum (UV 180340nm, Resolution 0.15nm)

Flexible Application

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



LIBS Mineral User Test Results

Technical Parameters:

Technical Parameters	Values
Chip Type	Linear array CMOS, Hamamatsu S11639
Low Temperature Drift	Integrated Temperature Sensor and Temperature Drift Compensation Algorithm
Wide Spectral Range	Supports customized spectrum range of 200-1000nm
High Signal-to-Noise Ratio	Low-noise CMOS signal processing circuit, with excellent signal-to-noise ratio
Effective Pixel	2048
Optical Design	M Type C-T light path
Numerical Aperture	0.085

Applications:

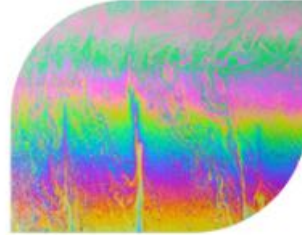
The JINSP SR75C Universal Compact Fiber Spectrometer is suitable for use in various scenarios such as medical research, environmental monitoring, food inspection, and industrial quality control. Its integrated temperature sensor and temperature drift compensation algorithm ensure that the device maintains a low temperature drift, which makes it ideal for use in harsh environments. The SR75C is a CE certified product, and it originates from China. The product is available for purchase with a minimum order quantity of one, and the price is negotiable. Payment terms include T/T and Western Union, and the supply ability is 100 PCS/70-90 days. The delivery time is 30-50 working days, and the packaging details are customized to meet the client's needs.

Typical Applications



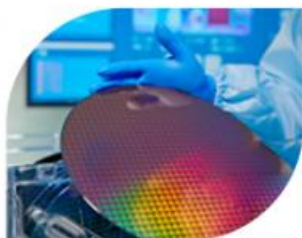
Flue Gas: Monitoring and identification of components in flue gas emissions.

Detection of absorptance, 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

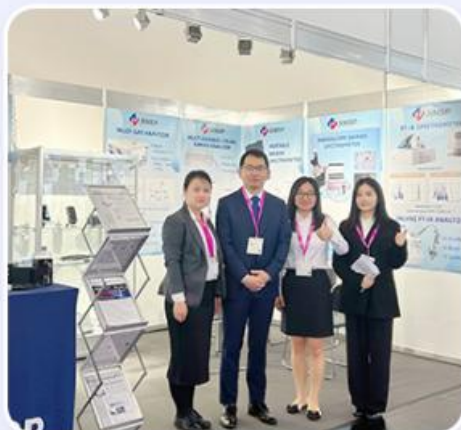
Support and Services:

The Universal Compact Fiber Spectrometer product comes with technical support and services to ensure optimal performance and customer satisfaction. Our team of experts is available to assist with any technical issues or questions related to the product. We also offer calibration and maintenance services to ensure accurate and reliable measurements. In addition, we provide training and education on how to operate and maximize the capabilities of the product. Our goal is to provide a comprehensive support system to help our customers achieve their analytical objectives.

Company Profile



Exhibition



Packing and Shipping:

Product Packaging:

Universal Compact Fiber Spectrometer

USB cable

Calibration certificate

Instruction manual

FAQ:

- 1.What is the brand name of this spectrometer?
The brand name of this spectrometer is JINSP.
- 2.What is the model number of this spectrometer?
The model number of this spectrometer is SR75C.
- 3.Is this spectrometer CE certified?
Yes, this spectrometer is CE certified.
- 4.Where is this spectrometer made?
This spectrometer is made in China.
- 5.What is the minimum order quantity for this product?
The minimum order quantity for this product is 1 PC.



JINSP Company Ltd.



8618620854039



phoebeyu@jinsptech.com



spectralanalyser.com

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

