

Gas Component Identification Compact Raman Spectrometer For UV And Visible Spectra

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

- High Signal-to-Noise Ratio: Low-noise CMOS Signal Processing Circuit, With Excellent Signal-to-noise Ratio
- Chip Type: Linear Array CMOS, Hamamatsu S11639
- Low Temperature Drift: Integrated Temperature Sensor And Temperature Drift Compensation Algorithm
- Weight: 310g
- Dimensions: 110mm*95mm*40.5mm
- Data Output Interface: USB 2.0 Or Serial Port
- Highlight: **Gas Component Identification Compact Raman Spectrometer**
,
Gas Component Identification mini raman spectrometer
, **Visible Spectra Compact Raman Spectrometer**

Product Description

Gas Component Identification Raman Spectrometer for UV and Visible Spectra

Product Description:

The Universal Compact Fiber Spectrometer is equipped with a low-noise CMOS signal processing circuit, which produces an excellent signal-to-noise ratio. This means that even the faintest signals can be detected with accuracy and precision. The device's optical design is a unique M Type C-T light path, which provides superior light collection and transmission, leading to higher resolution and more accurate results.

In conclusion, the Universal Compact Fiber Spectrometer is the ultimate device for anyone in need of a high-performance, portable, and reliable spectrometer. Its unique M Type C-T light path and M-shape C-T optical design, combined with a low-noise CMOS signal processing circuit, make it an exceptional tool for spectroscopy measurements. Whether you're a researcher, chemist, or professional in the field of spectroscopy, this handheld mini spectrometer is a must-have in your toolbox.

High-resolution Fiber Optic Spectrometer

High resolution Low noise

SR75C



Features:

Product Name: Universal Compact Fiber Spectrometer

Chip Type: Linear array CMOS, Hamamatsu S11639

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

Dimensions: 110mm*95mm*40.5mm

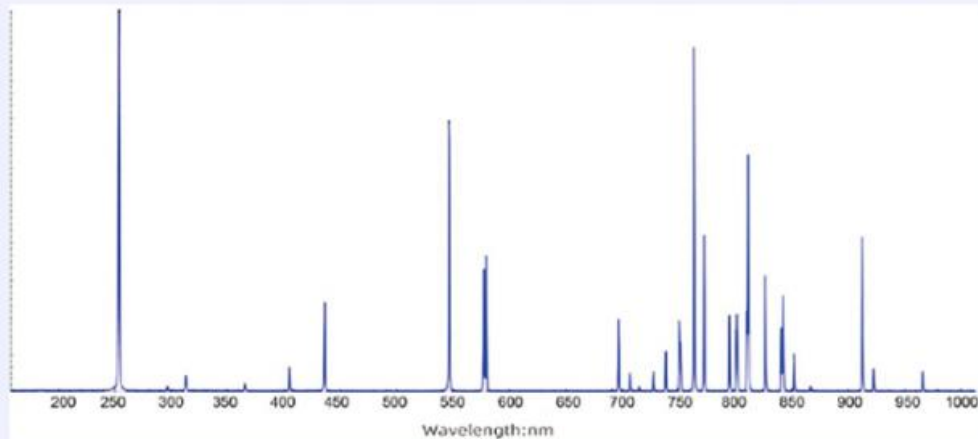
Portable spectrometer

Technical Characteristics



Wide Spectral Range

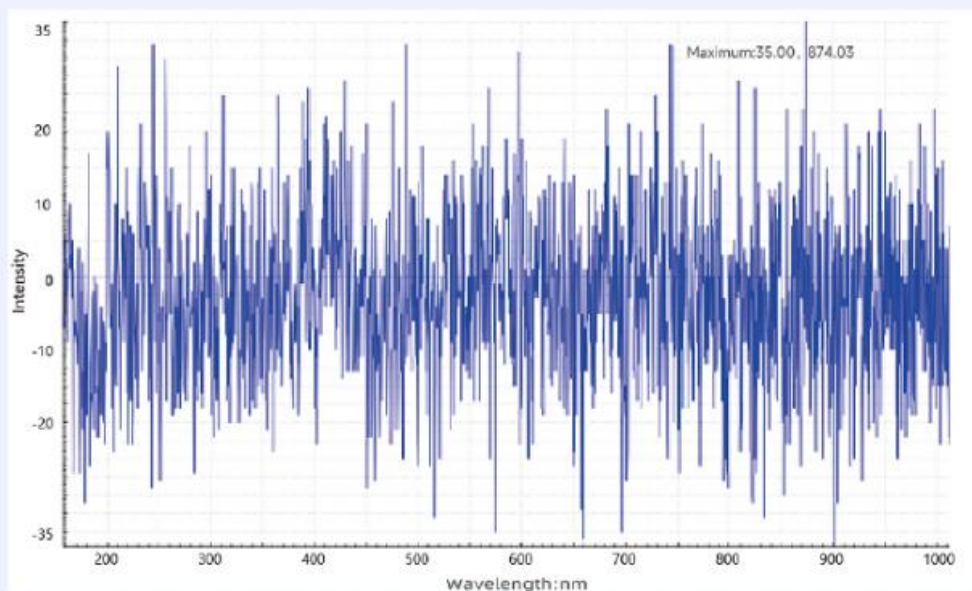
Supports customized spectrum range of 200-1000nm



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

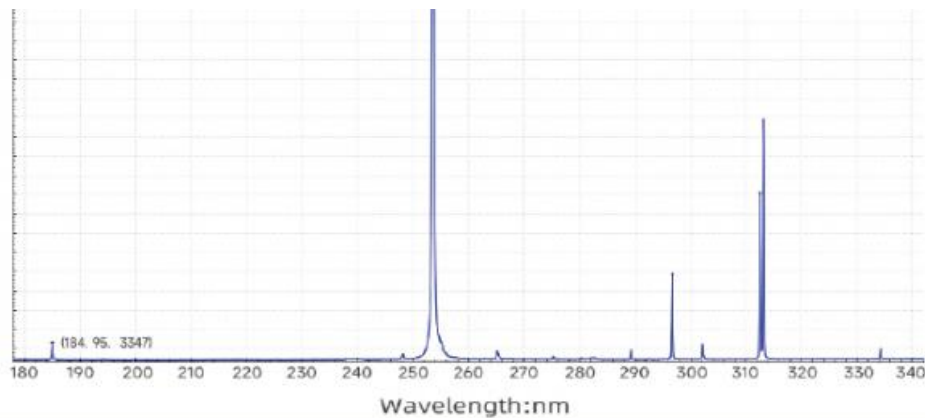


Low Noise: Dark noise standard deviation is approximately 20 for 10ms

High Resolution

M-shape C-T optical design

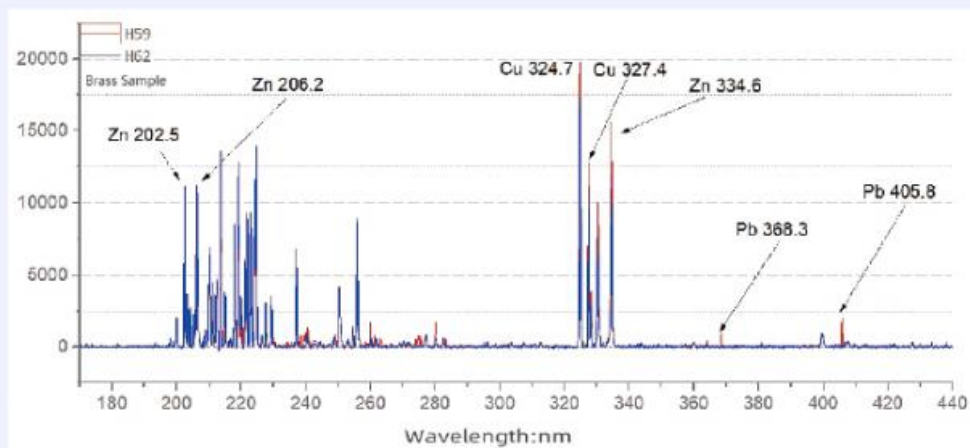




Mercury-Argon Lamp Spectrum (UV 180340nm, Resolution 0.15nm)

Flexible Application

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



LIBS Mineral User Test Results

Technical Parameters:

Technical Parameter	Value
Product Name	Universal Compact Fiber Spectrometer
Optical Design	M Type C-T light path, M-shape C-T optical design
Chip Type	Linear array CMOS, Hamamatsu S11639
Spectral Range	200-1000nm
Weight	310g
Dimensions	110mm*95mm*40.5mm
Sensing Area	28.7mm *0.2mm
Signal-to-Noise Ratio	Low-noise CMOS signal processing circuit, with excellent signal-to-noise ratio
High Resolution	M-shape C-T optical design

Applications:

The Universal Compact Fiber Spectrometer is a highly versatile and portable spectrometer that can be used for a variety of applications. Its low temperature drift is due to its integrated temperature sensor and temperature drift compensation algorithm. The high resolution is achieved through the M-shape C-T optical design. The dimensions of this compact spectrometer are 110mm x 95mm x 40.5mm.

This Raman mini spectrometer is ideal for use in laboratories, research institutions, and industrial settings. It can be used for applications such as material identification, quality control, and process monitoring. The entrance slit width is customizable, with options including 10μm, 25μm, 50μm, 100μm, and 200μm.

Some specific scenarios where this product can be used include:

Pharmaceutical research and development

Petrochemical analysis
Food and beverage industry quality control
Environmental monitoring

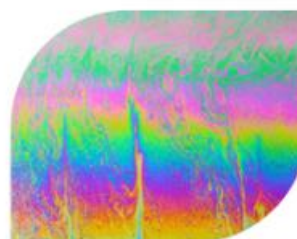
Investing in the Universal Compact Fiber Spectrometer can greatly improve the efficiency and accuracy of your work. Don't hesitate to contact us for more information or to place an order.

Typical Applications



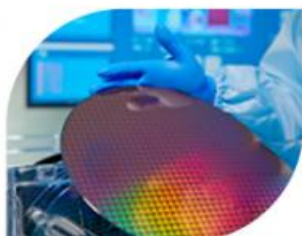
Flue Gas: Monitoring and identification of components in flue gas emissions.

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 provides high-performance spectral measurements in a portable and affordable package. Our product technical support and services include:

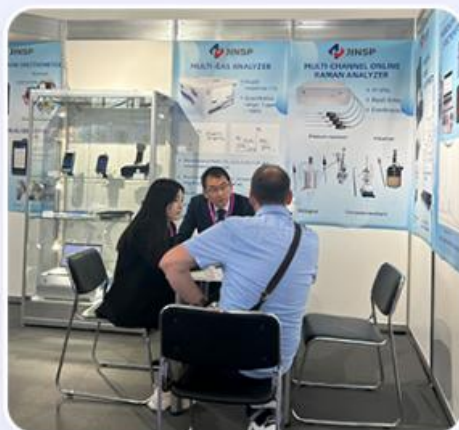
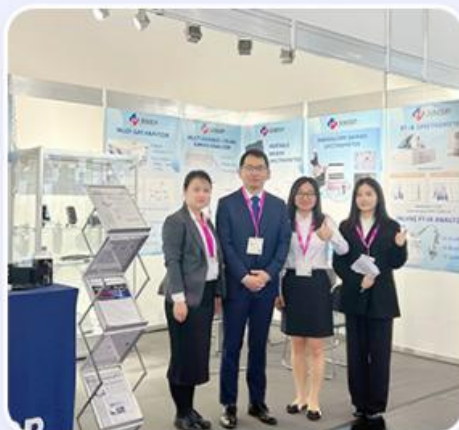
- Expert technical assistance and troubleshooting
- Comprehensive product documentation and user manuals
- Software updates and upgrades

Our team of experienced engineers and technicians are dedicated to ensuring the best performance and reliability of your Universal Compact Fiber Spectrometer.

Company Profile



Exhibition



Packing and Shipping:

Product Packaging:

Universal Compact Fiber Spectrometer device

USB cable

Power adapter

Quick start guide

Shipping:

Product will be shipped in a sturdy box to ensure safe delivery

Shipping time may vary depending on location and shipping method chosen

Tracking information will be provided once the product has shipped

FAQ:

Q: What is the brand name of this product?

A: The brand name of this product is JINSP.

Q: What is the model number of this product?

A: The model number of this product is SR75C.

Q: Is this product certified?

A: Yes, this product is certified with CE.

Q: Where is this product manufactured?

A: This product is manufactured in China.

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

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

Q: Is the price of this product negotiable?

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

Q: What are the payment terms for this product?

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

Q: What is the supply ability for this product?

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



JINSP Company Ltd.



8618620854039



phoebeyu@jinsptech.com



spectralanalyser.com

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