

Scientific Advanced Ccd Imaging Spectrometer With Precise And Accurate Detection

Our Product Introduction

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Basic Information

- Place of Origin: CHINA
- Brand Name: JINSP
- Certification: CE
- Model Number: SR100Q
- Minimum Order Quantity: 1
- Price: Negotiable
- Packaging Details: Customized Packaging
- Delivery Time: 50-70working days
- Payment Terms: T/T and Western Union
- Supply Ability: 50PCS/70-90 days



Product Specification

- Operating Current: <3.5A
- Entrance Slit Width: 10μm 25μm 50μm 100μm 200μm
- Humidity: 0~90%RH
- Product Category: Fiber Optic Spectrometers
- Applications: Absorption, Transmittance And Reflectance Detection, Light Source And Laser Wavelength Detection, OEM Product Module: Fluorescence Spectrum Analysis, Raman Spectroscopy - Petrochemical Monitoring, Food Additive Testing
- Weight: 1200g
- High Quantum Efficiency: 92%peak@650nm, 83%@232nm
- Highlight: **Scientific Advanced Ccd Imaging Spectrometer, Precise Advanced Ccd Imaging Spectrometer.**



More Images



Product Description

Scientific Ultra High Sensitivity Spectrometer with Precise and Accurate Detection

Product Description:

Manufactured in China, this CCD fiber spectrometer is a high-quality product that delivers reliable results every time. Its wide wavelength range of 200nm to 1100nm makes it suitable for a variety of industries. Whether you are in the petrochemical industry or the food additive testing industry, this spectrometer can help you analyze and monitor your products with ease.

One of the key features of this CCD fiber spectrometer is its high signal-to-noise ratio. This ensures that you get accurate and reliable results every time, even in low light conditions. Additionally, this spectrometer is easy to use and comes with a user-friendly interface. This makes it an ideal choice for both experienced and novice users.

Overall, the JINSP CCD Fiber Spectrometer is a reliable and high-performance fiber optic spectrometer module that is perfect for a wide range of applications. With its high quantum efficiency, wide wavelength range, and high signal-to-noise ratio, it is a must-have tool for anyone in the scientific or industrial fields.

Features:

Product Name: CCD Fiber Spectrometer

Chip Type: Area Array Back-illuminated Refrigeration, Hamamatsu S7031

Price Negotiable: Yes

Operating Current: <3.5A

Product Category: Fiber Optic Spectrometers

Key Features: High Signal-to-noise Ratio

Introducing the Scientific Ultra High Sensitivity Spectrometer, the CCD Fiber Spectrometer is a High Sensitivity CCD Spectrometer that is a Fiber Optic Spectrometer Module. With its Area Array Back-illuminated Refrigeration Hamamatsu S7031 chip, it has a high signal-to-noise ratio and an operating current of less than 3.5A. The price is also negotiable.

Technical Parameters:

Product Category	Fiber Optic Spectrometers
Brand Name	JINSP
Chip Type	Area Array Back-illuminated Refrigeration, Hamamatsu S7031
High quantum efficiency	92%peak@650nm, 83%@232nm
Focal Length	≤100mm
Data output interface	USB3.0, RS232, RS485, 20pin connector
Operating Current	<3.5A
Humidity	0~90%RH
Dimensions	180 Mm× 120 Mm× 50 Mm
Weight	1200g

Modular Fiber Optic Spectrometer, Scientific Ultra High Sensitivity Spectrometer, High Sensitivity CCD Spectrometer

List of Product Models



Model	Spectral Range (nm)	Resolution (nm)	Slit (μm)
SR100Q-G21	200~950	6.9nm	200μm
		2.5nm	50μm
SR100Q-G22	350~1100	1.7nm	25μm
		1.6nm	10μm
SR100Q-G23	200~775	1.9nm	50μm
		1.3nm	25μm
SR100Q-G24	350~925	1.2nm	10μm
		0.4nm/13cm ⁻¹	25μm
SR100Q-G25	532~696(4400cm ⁻¹)	0.4nm/9cm ⁻¹	25μm
SR100Q-G26	644~800(3200cm ⁻¹)	0.6nm/9.1cm ⁻¹	25μm
SR100Q-G27	785~1030(3200cm ⁻¹)	0.71nm/11cm ⁻¹	50μm

Note: The resolution value is a theoretical value, and a 20% deviation is allowed in practice.

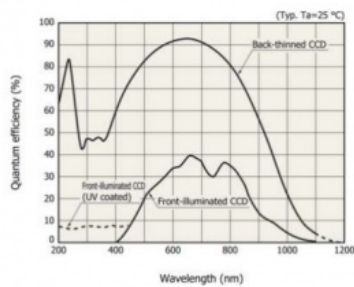
Applications:

The JINSP SR100Q has a weight of 1200g and is suitable for a variety of applications, including absorption, transmittance and reflectance detection. It can also be used for light source and laser wavelength detection. This product is perfect for OEM product modules such as fluorescence spectrum analysis and Raman spectroscopy for petrochemical monitoring and food additive testing. Additionally, the JINSP SR100Q has a focal length of $\leq 100\text{mm}$, making it an ideal choice for a wide range of scenarios.

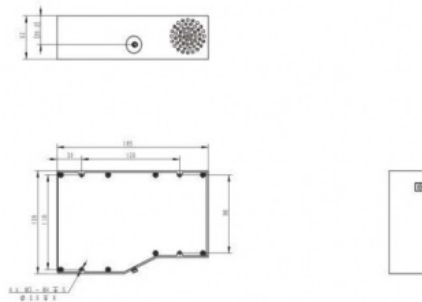
The JINSP SR100Q has been designed with a humidity range of 0~90%RH, making it suitable for use in a variety of environments. Its high sensitivity CCD spectrometer technology ensures accurate and reliable results every time. As a product of China, the JINSP SR100Q is a trusted choice for those in the scientific community.

Typical Applications

- ◆ Detect absorption, transmittance and reflection Spectrum
- ◆ Light source and laser wavelength characterization
- ◆ OEM product module: Fluorescence spectrum, Raman spectrum, etc.



CCD Quantum Efficiency Curve



Installation dimension drawing

Support and Services:

Our CCD Fiber Spectrometer product comes with comprehensive technical support and services to ensure your satisfaction. Our team of experts is available to assist you with any technical issues or questions you may have about the product.

We also offer a range of services to help you get the most out of your CCD Fiber Spectrometer, including installation, calibration, and training. Our experienced technicians can install the product for you and ensure that it is working at optimal performance levels. If you need assistance with calibration, our team can help you calibrate the spectrometer to meet your specific requirements. We can also provide training to help you understand how to use the product and its software.

Our goal is to provide you with the best possible experience with our CCD Fiber Spectrometer, and we are committed to providing excellent technical support and services to achieve that goal.

Company Profile



Packing and Shipping:

Product Packaging:

CCD Fiber Spectrometer device

USB cable for device connection

Power adapter for device

Instruction manual

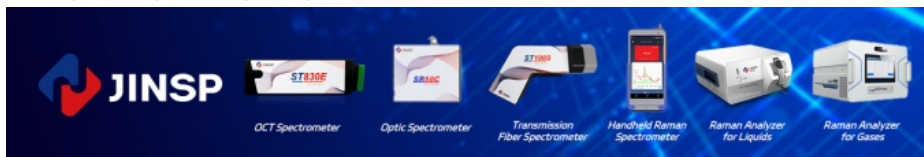
Shipping:

Ships within 3-5 business days

Free shipping within the United States

International shipping available with additional fees

Tracking number provided upon shipment



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 SR100Q.

Q: Has this product been certified?

A: Yes, this product has been certified with CE.

Q: Where is this product made?

A: This product is made 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 of this product?

A: The supply ability of this product is 50PCS/70-90 days.

Q: What is the delivery time for this product?

A: The delivery time for this product is 50-70 working days.

Q: What are the packaging details for this product?

A: The packaging details for this product are customized packaging.



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