

CCD Array Spectrometer Fiber Spectrometer With High Quantum Efficiency 92%Peak 650nm

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, Western Union
- Supply Ability: 50PCS/70-90 days



Product Specification

- High Quantum Efficiency: 92%peak@650nm, 83%@232nm
- Dimensions: 180 Mm× 120 Mm× 50 Mm
- Focal Length: ≤100mm
- Operating Current: <3.5A
- Highlight: **CCD Array Spectrometer High Quantum Efficiency**
, 650nm Fiber Spectrometer,
CCD Array Spectrometer 650nm



Product Description

CCD Fiber Spectrometer with High quantum efficiency 92%peak 650nm

Product Description:

The CCD Fiber Spectrometer by JINSP is a reliable and high-performance fiber optic spectrometer module that is designed to provide accurate and precise measurements for a wide range of applications. This product is made in China and is a great choice for those looking for a reliable and high-quality spectrometer module.

This fiber optic spectrometer module is lightweight and easy to use, weighing only 1200g. It is ideal for use in a variety of applications, including absorption, transmittance, and reflectance detection, light source and laser wavelength detection, and fluorescence spectrum analysis. It can also be used for Raman spectroscopy for petrochemical monitoring and food additive testing.

The CCD Fiber Spectrometer by JINSP has a wide wavelength range of 200nm to 1100nm, making it suitable for a variety of applications. It is a versatile and reliable instrument that can be used in many different settings and applications.

Overall, if you are looking for a high-quality and reliable fiber optic spectrometer module, the CCD Fiber Spectrometer by JINSP is an excellent choice. With its wide wavelength range, lightweight design, and easy-to-use interface, this spectrometer module is perfect for a variety of applications and settings.

Features:

Product Name: CCD Fiber Spectrometer

Product Category: Fiber Optic Spectrometers

High quantum efficiency: 92%peak@650nm, 83%@232nm

Operating Current: <3.5A

Dimensions: 180 Mm× 120 Mm× 50 Mm

Key Features:

High Sensitivity CCD Spectrometer

200nm ~ 1100nm Wide Wavelength Range Spectrometer

Technical Parameters:

Product Name	Research-grade SR100Q CCD Fiber Optic Spectrometer
Chip Type	Area Array Back-illuminated Refrigeration, Hamamatsu S7031
Model Number	SR100Q CCD Fiber Optic Spectrometer
Operating Current	<3.5A
Focal Length	≤100mm
Product Category	Fiber Optic Spectrometers
Humidity	0~90%RH
Dimensions	180 Mm× 120 Mm× 50 Mm
Country of Origin	China
Brand Name	JINSP

List of Product Models

S	R	100	Q	-	GXX	-	25
							Classification of Different Spectral Ranges
							Slit Width (μm)

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
SR100Q-G25	532~696(4400cm ⁻¹)	0.4nm/13cm ⁻¹	25μm
SR100Q-G26	644~800(3200cm ⁻¹)	0.4nm/9cm ⁻¹	25μm
SR100Q-G27	785~1030(3200cm ⁻¹)	0.6nm/9.1cm ⁻¹	25μm
		0.71nm/11cm ⁻¹	50μm

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

Applications:

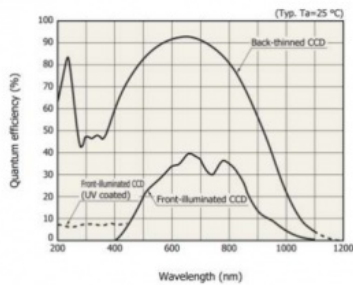
The JINSP SR100Q Fiber Optic Spectrometer Module has a high signal-to-noise ratio, with ultra-low dark noise under long integration time, SNR is as high as 1000:1. This makes it ideal for applications where high accuracy and precision are required.

One of the key features of the JINSP SR100Q Fiber Optic Spectrometer Module is its high sensitivity, which makes it suitable for use in a wide range of scenarios. It is ideal for use in the analysis of biological samples, environmental samples, and materials characterization.

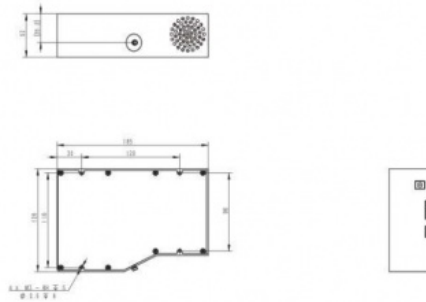
The JINSP SR100Q Fiber Optic Spectrometer Module has dimensions of 180 Mm× 120 Mm× 50 Mm and a weight of 1200g. This makes it easy to transport and install, while also providing a high level of accuracy and precision. Overall, the JINSP SR100Q Fiber Optic Spectrometer Module is an ideal choice for those looking for a high-quality, reliable, and accurate spectrometer for use in a variety of scientific and industrial applications.

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 that you get the most out of your instrument. Our team of experienced technicians is available to provide assistance with installation, calibration, and troubleshooting. We also offer regular software updates to keep your system up-to-date and running smoothly.

In addition, we provide training and educational resources to help you learn more about the capabilities and applications of the CCD Fiber Spectrometer. Our team is dedicated to providing the highest level of customer satisfaction and support, so please do not hesitate to contact us if you have any questions or concerns.

Company Profile



Packing and Shipping:

Product Packaging:

CCD Fiber Spectrometer device

Power adapter

USB cable

Instruction manual

Shipping:

Shipping charges will be calculated based on the destination and weight of the product.

Delivery time may vary depending on the location of the customer.

The product will be packed securely to ensure safe and damage-free delivery.



FAQ:

What is the Brand Name of this product?

The Brand Name of this product is JINSP.

What is the Model Number of this product?

The Model Number of this product is SR100Q.

Does this product have any certification?

Yes, this product has CE certification.

Where is this product manufactured?

This product is manufactured in China.

What are the payment terms for this product?

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

Note: For more information on Minimum Order Quantity, Price, Supply Ability, Delivery Time, and Packaging Details, please contact our sales team for a customized quote.



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