

## CE Certified Fiber Spectrometer OEM Product Module For Fluorescence Spectrum Analysis

Our Product Introduction

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### Basic Information

- Place of Origin: CHINA
- Brand Name: JINSP
- Certification: CE
- Model Number: SR100Q CCD Fiber Optic Spectrometer
- 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

- Key Features: High Signal-to-noise Ratio
- Operating Current: <3.5A
- Dimensions: 180 Mm× 120 Mm× 50 Mm
- Weight: 1200g
- Focal Length: ≤100mm
- Chip Type: Area Array Back-illuminated Refrigeration, Hamamatsu S7031
- Country Of Origin: China
- Highlight: **Fiber Spectrometer OEM, Fluorescence Spectrum Analysis Fiber Spectrometer**  
, OEM ccd based spectrometer

## Product Description

Fiber Spectrometer for OEM product module for fluorescence spectrum analysis

### Product Description:

In addition to its core functions, the CCD Fiber Spectrometer can be used as an OEM product module for fluorescence spectrum analysis and Raman spectroscopy. Its petrochemical monitoring capabilities make it a suitable choice for use in petrochemical applications, while its food additive testing capabilities make it a great choice for the food industry.

The CCD Fiber Spectrometer is designed with fiber optic parts, which allows for easy integration into fiber laser systems. Its operating current is less than 3.5A, ensuring that it operates efficiently and without the risk of overheating.

Overall, the JINSP CCD Fiber Spectrometer is a reliable and powerful tool that can be used in a variety of applications. With its high-quality chip type, versatile applications, and efficient design, it is a great choice for anyone looking for a high-performance spectrometer for their fiber laser system.



### Features:

Product Name: CCD Fiber Spectrometer

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

Humidity: 0~90%RH

Focal Length:  $\leq 100\text{mm}$

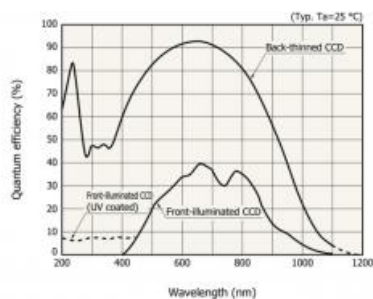
Chip Type: Area Array Back-illuminated Refrigeration, Hamamatsu S7031

Key Features: High Signal-to-noise Ratio

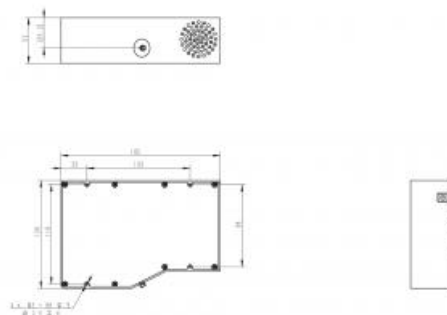
Product Type: Fiber Optic Parts, Scientific Grade CCD Fiber Spectrometer, CCD Spectrometer

## 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

## Technical Parameters:

Model Number:	SR100Q CCD Fiber Optic Spectrometer
Spectrometer Type:	CCD Fiber Optic Spectrometer
Weight:	1200g
Focal Length:	≤100mm
Chip Type:	Area Array Back-illuminated Refrigeration, Hamamatsu S7031
Operating Current:	<3.5A
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
Payment Terms:	T/T and Western Union
SNR:	Ultra-low dark noise under long integration time, SNR is as high as 1000:1
Key Features:	High Signal-to-noise Ratio

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

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

## Applications:

This CCD Fiber Spectrometer is perfect for use in research, manufacturing, and quality control environments. It is highly recommended for use in laboratories and research facilities, where its high sensitivity and accuracy can be fully utilized.

The JINSP SR100Q CCD Fiber Optic Spectrometer is also an excellent choice for applications involving fiber optic consumables. Its compact and lightweight design makes it ideal for use in field applications where portability is a must.

The SR100Q CCD Spectrometer is manufactured in China and has received the CE certification. It has a minimum order quantity of 1, with a negotiable price and payment terms of T/T or Western Union. With a supply ability of 50PCS/70-90 days, the product is delivered within 50-70 working days, with customized packaging details.

This spectrometer comes with an entrance slit width of 10μm, 25μm, 50μm, 100μm, 200μm, making it adaptable to a wide range of applications. Its high quantum efficiency, with a peak of 92% at 650nm and 83% at 232nm, make it a must-have for any spectroscopic application.

## Support and Services:

- Troubleshooting and problem-solving assistance
- Assistance with installation and set-up
- Software and firmware updates
- Calibration and testing services
- Repair and maintenance services
- User training and education
- Technical documentation and manuals

## Packing and Shipping:

### Product Packaging and Shipping for CCD Fiber Spectrometer:

The CCD Fiber Spectrometer will be shipped in a sturdy cardboard box to ensure its safety during transport. The product will be well-protected with bubble wrap and packing materials to prevent any damage during shipping.

## 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.

Where is this product manufactured?

This product is manufactured in China.

What is the minimum order quantity for this product?

The minimum order quantity for this product is 1 PC.

Price for this product is negotiable and payment methods available include T/T and Western Union. Our supply ability is 50PCS/70-90 days and delivery time is 50-70 working days. The packaging details can be customized based on customer requirements.



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