

Raman Spectrometers Ultra High Sensitivity Fiber Optical Spectrometer High SNR SR100Q

Our Product Introduction

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Basic Information

- Place of Origin: CHINA
- Brand Name: JINSP
- Certification: ISO9001
- Model Number: SR100Q
- Minimum Order Quantity: 1
- Price: Negotiable
- Packaging Details: Customized Packaging
- Delivery Time: 90-120 working days
- Payment Terms: T/T, Western Union
- Supply Ability: 5PCS/90-120 days



Product Specification

- Model Name: SR100Q Ultra High Sensitivity Fiber Optic Spectrometer
- Focal Length: 100nm
- Entrance Slit Width: 10μm, 25μm, 50μm, 100μm, 200μm(customizab
- Operating Temperature: 10°C~40°C
- Storage Temperature: -20°C~60°C
- Dimensions: 185mm*126mm*53mm
- Highlight: High SNR Fiber Optical Spectrometer, High Sensitivity Fiber Optical Spectrometer, Ultra High Sensitivity Raman Spectrometers



More Images



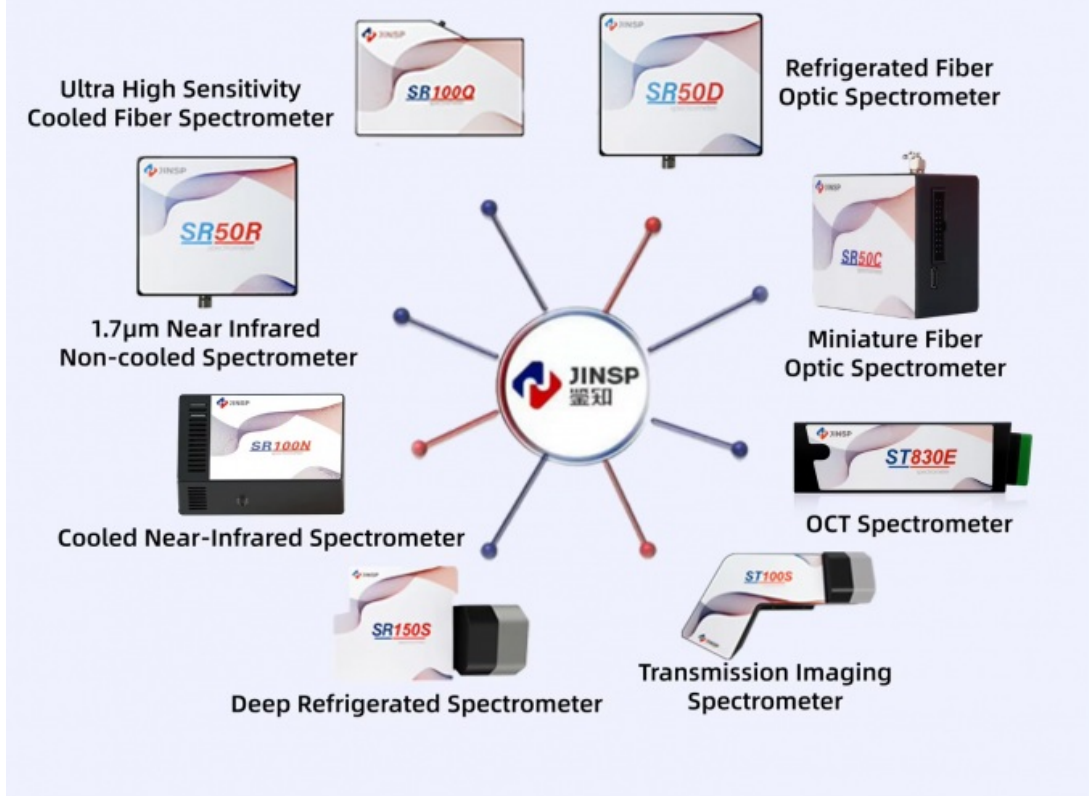
Product Description

SR100Q Ultra High Sensitivity Fiber Optic Spectrometer

The JINSP SR100Q spectrometer is integrated with the Hamamatsu S7031, a scientific-grade TE-cooled area array CCD chip. With a pixel size of up to $24 \times 24 \mu\text{m}$ and excellent quantum efficiency of up to 92%, it ensures high response in the ultraviolet band and effectively improves the sensitivity and SNR of weak signals. Furthermore, it can realize excellent spectrum signals, and stable and reliable performance based on the advanced high-resolution light path and low-noise, high-speed FPGA signal processing chip. The TE cooling-based CCD greatly reduces dark noise and is well suited for weak light detection in scientific research applications.



Spectrometer Series



Specifications:

Chip Type	Back-illuminated TE-cooled Hamamatsu S7031
Entrance Slit width	10 μ m,25 μ m,50 μ m,100 μ m,200 μ m(customizable)
Fiber interface	SMA905, free space
Integration Time	1ms-2100s
Focal Length	USB3.0,RS232,RS485,20pin connector
Entrance Slit width	10 μ m,25 μ m,50 μ m,100 μ m,200 μ m(customizable)
Operating Humidity	<90%RH (no condensation)
Dimensions	185mm*126mm*53mm
Weight	1.7kg

Typical Applications:

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

Typical Applications

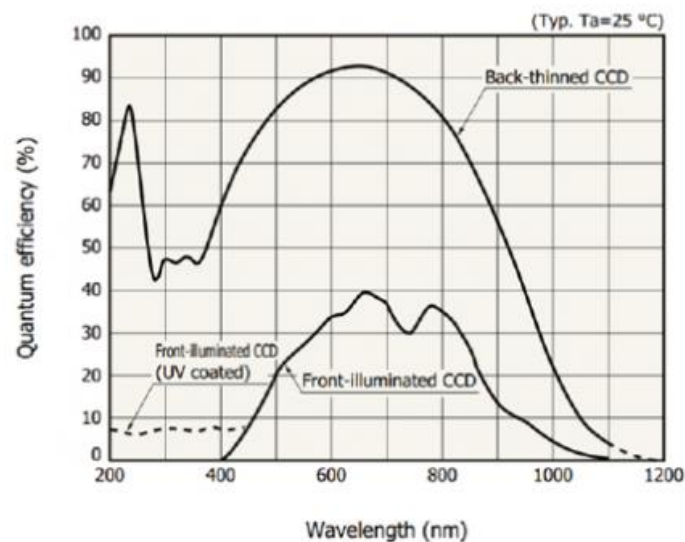
Detect absorption, transmittance and reflection Spectrum



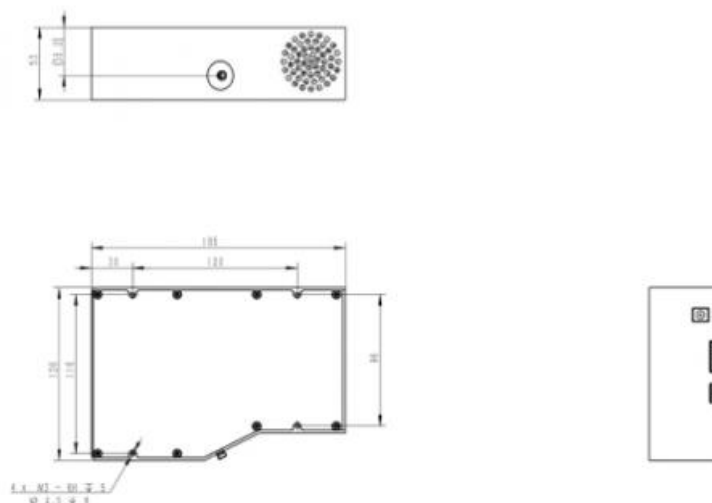
Light source and laser wavelength characterization



OEM product module: Fluorescence spectrum, Raman spectrum, etc.



CCD Quantum Efficiency Curve



Installation dimension drawing

many years.

Our products mostly include:

--UV VIS NIR fiber optic spectrometers;

--Desktop/portable, online Raman analyzers for laboratory or industrial liquid & gas analysis;

--On-site rapid detectors/identifiers based on Raman technology for drugs, liquid, food safety, explosive & hazardous materials, pharmaceutical industry etc;

Company Profile



FAQ

Q1:Can your offer a operation traning?

A1:Your technicians can come to our factory for a training. Jinsp engineers can go to your place for local support (installation , training, debugging, maintenance).

Q2:What's your website?

A2:You can visit:www.jinsptech.com

Q3:What about your quality assurance?

A3:We have a quality inspection team. All goods will go through quality inspection before shipment. We can send you pictures for inspection.

Q4:Which payment can be acceptable?

A4:We could accept the payment by T/T, Paypal, Western Union,L/C, etc.



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