

ST100S Deep Cooling Modular Spectrometer For Raman System Customizable Integration Time

Our Product Introduction

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Basic Information

- Place of Origin: CHINA
- Brand Name: JINSP
- Certification: CE ISO9001
- Model Number: ST100S
- Minimum Order Quantity: 1
- Price: Negotiable
- Packaging Details: Customized Packaging
- Delivery Time: 40-70 working days
- Payment Terms: T/T, Western Union
- Supply Ability: 80 PCS/40-70 working days



Product Specification

- Wavelength Range: 785nm~960nm (0~2600cm⁻¹)
- Optical Resolution: 0.25nm(3cm⁻¹)~~25μm 0.35nm(5cm⁻¹)~~50μm
- Detector: Andor Ivac 316
- Cooling Temperature: -70
- Highlight: Deep cooling Modular Spectrometer,
Raman System Modular Spectrometer,
Deep cooling transmission spectrometer



More Images

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Product Description

ST100S Deep-cooling Modular Spectrometer for Raman System Customizable Integration Time



Product Description:

This ST100S spectrometer is highly stable and features advanced spectral analysis technology, making it perfect for use in multiple scientific research Raman Spectrometer applications. The Deep-cooling Raman Spectrometer Module helps to ensure reliable and accurate data collection.

This product is perfect for use in various scientific research scenarios, providing reliable and accurate data for researchers and scientists alike. Order your High-Throughput Transmission Fiber Spectrometer today and experience the benefits of advanced spectral analysis technology.

Features:

Product Name: High-Throughput Transmission Fiber Spectrometer

Product Category: Fiber Optic Spectrometers

Features:

High Compatibility

Zero-aberration

High Diffraction Efficiency

Supports multiple channels

Highly stable

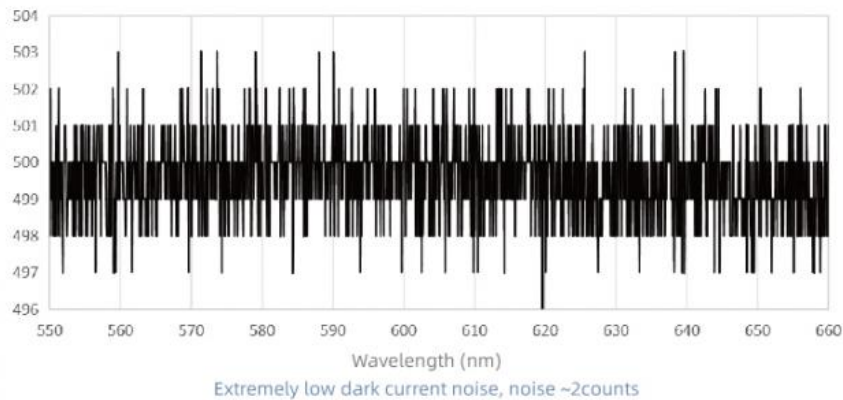
Fiber Connector: FC/PC

Additional Keywords: 785nm Spectrometer for Raman System, Deep-cooling Modular Spectrometer for Raman System, 785nm Spectrometer for Raman System

Technical Characteristics

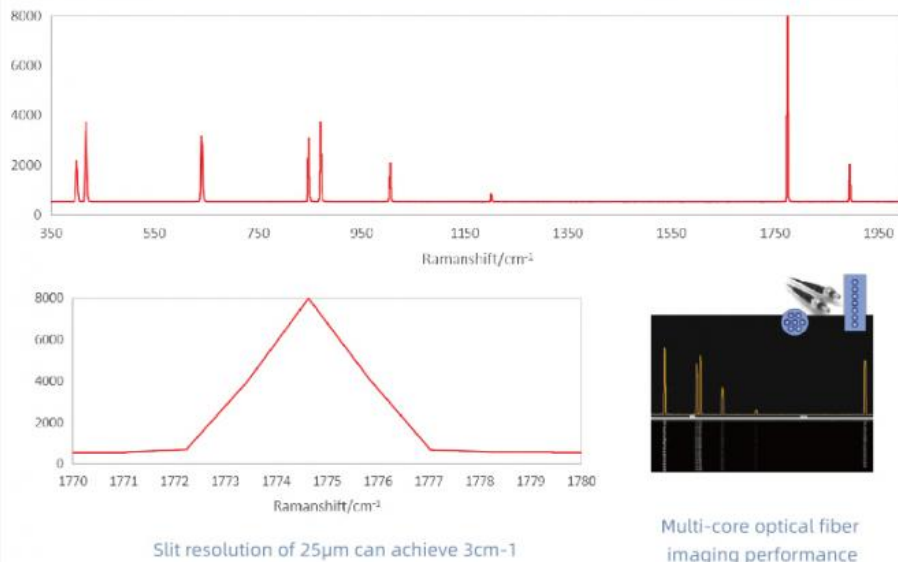
High Compatibility

Compatible with multiple scientific research grade cooling cameras such as PI and Andor, with ultra-low dark current and noise

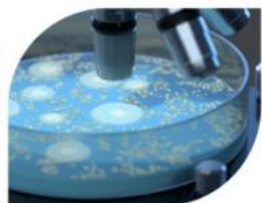


Zero-aberration

Zero aberration design, diffraction-limited resolution



Technical Features



Research-grade Raman spectroscopy detection system

785nm Confocal Raman microscopy



Online Raman detection

Detection of pharmaceuticals, biological fermentation and chemical reaction process

Technical Parameters:

Product Name	Transmission Fiber Spectrometer Advanced Spectral Analysis Technology
Optical Resolution	0.35nm, Corresponds To 5cm-1(50μm Slit)
Weight	<6Kg (including Camera)
Wavelength Range	785nm~988nm Corresponds To 0~2600cm-1
Company Profile and Certification	JINSP Company Limited originates from Tsinghua University and has 17 years of experience in developing spectroscopic technology.
Diffraction Efficiency	>85%
Product Category	Fiber Optic Spectrometers
Fiber Connector	FC/PC

Applications:

The ST100S is made in China and is not currently certified. However, it has been rigorously tested and meets all industry standards for quality and performance. The product is capable of delivering high-quality spectral data in the wavelength range of 785nm~988nm, which corresponds to 0~2600cm-1.

The ST100S features a VPH volume holographic transmission grating, which provides high resolution and high efficiency for spectral analysis. This product is widely used in a variety of scientific research applications, including material analysis, environmental monitoring, and biomedical research. The ST90S is also highly versatile and can be used in conjunction with other instruments to create a complete scientific Raman system spectrometer.

This product is capable of delivering accurate and precise spectral data with integration times ranging from 1ms to 3600s. If you have any questions about the ST100S or any of our other products, please consult our FAQ section for more information.

Overall, JINSP's ST100S High-Throughput Transmission Fiber Spectrometer is a top-of-the-line product that is perfect for a wide variety of scientific research applications. Whether you are studying materials, monitoring the environment, or conducting biomedical research, the ST90S is a powerful tool that can help you achieve your research goals.

Support and Services:

The High-Throughput Transmission Fiber Spectrometer product technical support and services include:

Initial setup and installation guidance

User training and support for instrument operation and software usage

Troubleshooting and diagnosis of any technical issues

Repair services and replacement parts when necessary

Calibration and maintenance services to ensure accurate and reliable performance

Technical documentation and resources for reference and assistance

Packing and Shipping:

Product Packaging:

The High-Throughput Transmission Fiber Spectrometer will be packed in a sturdy cardboard box with foam inserts to ensure safe transportation. The product will be wrapped in protective plastic to prevent any scratches or damage during shipping.

Shipping:

The product will be shipped via a reputable courier service and tracking information will be provided to the customer. Shipping costs will be calculated based on the destination and shipping method chosen by the customer.



FAQ:

Q1: What is the brand name of the product?

A1: The brand name of the product is JINSP.

Q2: What is the model number of the product?

A2: The model number of the product is ST100S.

Q3: Is this product certified?

A3: Yes, this product is CE-certified.

Q4: What is the minimum order quantity for this product?

A4: The minimum order quantity for this product is 1.

Q5: What are the payment terms for this product?

A5: The payment term for this product is T/T.

Q6: What is the delivery time for this product?

A6: The delivery time for this product is 40-70 working days.

Q7: What are the packaging details for this product?

A7: The packaging details for this product are customized packaging.

Q8: Is the price of this product negotiable?

A8: Yes, the price of this product is negotiable.



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