

High Accuracy Six Channels Fiber Coupled Spectrometer 0.35nm Optical Resolution

Our Product Introduction

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Basic Information

- Place of Origin: CHINA
- Brand Name: JINSP
- Certification: CE
- Model Number: ST100S
- Minimum Order Quantity: 1
- Price: Negotiable
- Packaging Details: Customized Packaging
- Delivery Time: 40-70working days
- Payment Terms: T/T, Western Union
- Supply Ability: 50 PCS/70-90 days



Product Specification

- Features: High Compatibility, Zero-aberration, High Diffraction Efficiency, Support Multiple Channels, High Flux, Highly Stable
- Wavelength Range: 785nm~988nm Corresponds To 0~2600cm⁻¹
- Diffraction Efficiency: >85%
- Optical Resolution: 0.35nm, Corresponds To 5cm⁻¹(50μm Slit)
- Grating Type: VPH Volume Holographic Transmission Grating
- Weight: <6Kg (including Camera)
- Product Category: Fiber Optic Spectrometers
- Number Of Channels: 6 Channels (for Multi-core Optical Fiber With Core Diameter Of 200μm)
- Highlight: **Six Channels Fiber Coupled Spectrometer, High Accuracy Fiber Coupled Spectrometer,**

Product Description

Transmission Fiber Spectrometer Optical Resolution of 0.35nm and 6 Channels

Product Description:

Our High-Throughput Transmission Fiber Spectrometer is one of our flagship products in the fiber optic spectrometer category. With a diffraction efficiency of over 85%, it is perfect for multiple scientific research, including Raman Spectrometer, Deep-cooling Raman Spectrometer, and Online Raman detection.

The High-Throughput Transmission Fiber Spectrometer offers a USB 2.0 interface, making it easy to use with modern computer systems. The detector type is a CCD, which is known for its high sensitivity and accuracy. With these features, our spectrometer can detect a wide range of wavelengths with high precision and accuracy.

In summary, JINSP Technology's High-Throughput Transmission Fiber Spectrometer is a top-of-the-line fiber optic spectrometer that is perfect for multiple scientific research. With its diffraction efficiency, interface, product category, and detector type, it is a reliable and efficient instrument that offers high precision and accuracy for various applications.

Transmission Imaging Spectrometer

Ultimate sensitivity High resolution

ST100S



Features:

Product Name: Transmission Fiber Spectrometer Advanced Spectral Analysis Technology

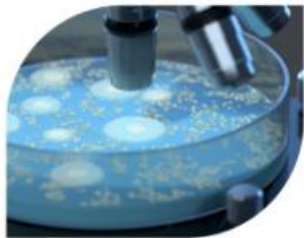
Dimensions: 354.9*198.7*123.5mm

Number Of Channels: 6 Channels (for Multi-core Optical Fiber With Core Diameter Of 200µm)

Interface: USB 2.0

Weight: <6Kg (including Camera)
Features:
Scientific research Raman Spectrometer
Transmission Imaging Spectrometer
Advanced Spectral Analysis Technology

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:

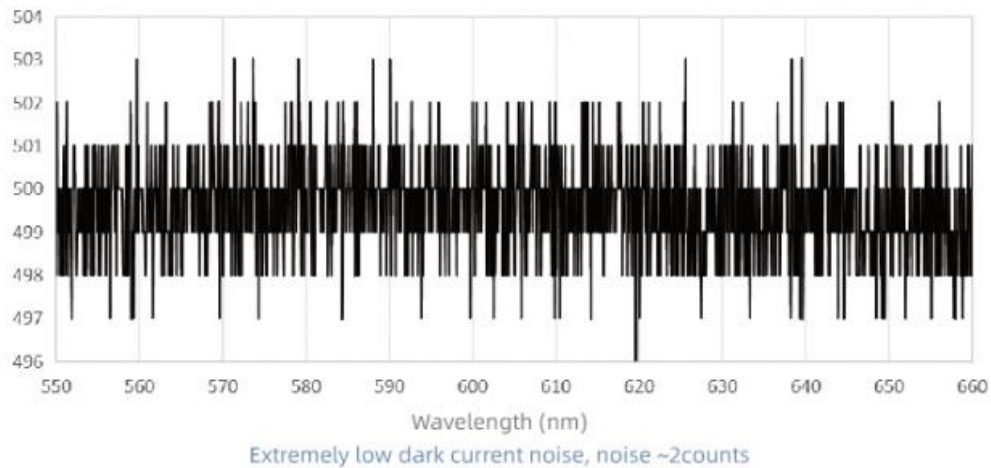
Applications	Research-grade Raman spectroscopy detection system: 785nm Confocal Raman microscopy, Online Raman detection: Detection of pharmaceuticals, biological fermentation and chemical reaction process
Wavelength Range	785nm~988nm Corresponds To 0~2600cm ⁻¹
Diffraction Efficiency	>85%
Product Category	Fiber Optic Spectrometers
Dimensions	354.9*198.7*123.5mm
Grating Type	VPH Volume Holographic Transmission Grating
Interface	USB 2.0
Features	High Compatibility, Zero-aberration, High Diffraction Efficiency, Support multiple channels, High Flux, Highly stable

This High-Throughput Transmission Fiber Spectrometer is suitable for various applications including 785nm Confocal Raman microscopy, Deep-cooling Raman Spectrometer, and Transmission Raman Spectrometer.

Technical Characteristics

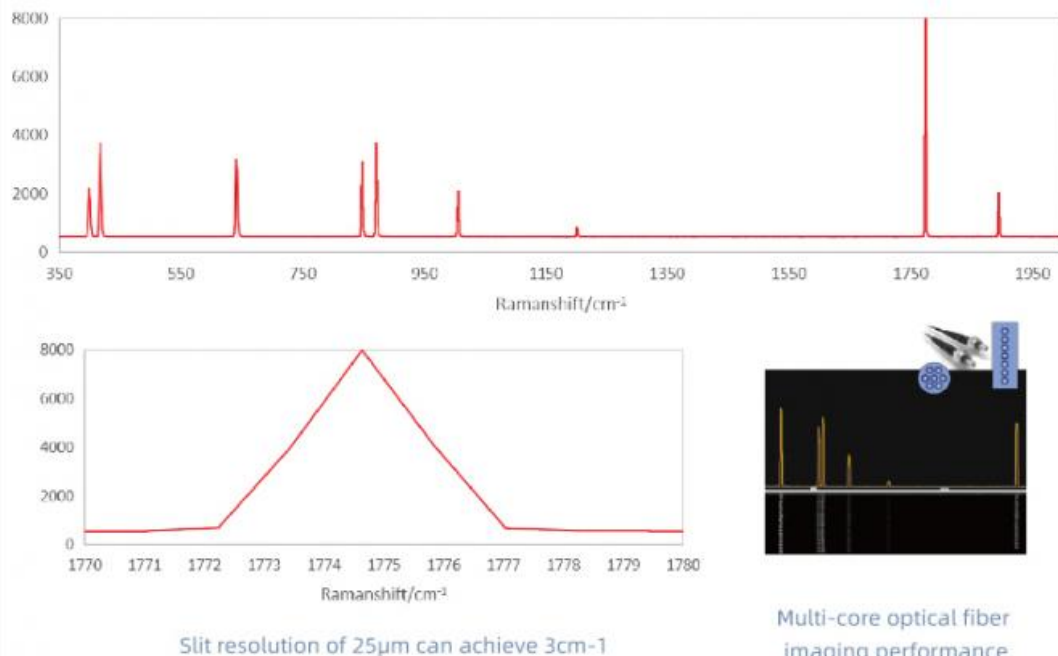
High Compatibility

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



Applications:

The JINSP ST100S High-Throughput Transmission Fiber Spectrometer is suitable for a range of applications, including research-grade Raman spectroscopy, online Raman detection, and online Raman detection. This product is particularly useful in the pharmaceutical and chemical industries, public security, customs, and fiber optic spectrometers. With its 6 channels, this fiber spectrometer is ideal for multi-core optical fiber with a core diameter of 200 μ m.

JINSP Company Limited has over 17 years of experience in developing spectroscopic technology and offers over twenty spectroscopic products across various fields. The company is based in China and has a solid reputation for producing high-quality and reliable

products.

Support and Services:

The High-Throughput Transmission Fiber Spectrometer product is a cutting-edge technology that requires specialized technical support and services to ensure its optimal performance. Our team of experts is available to assist with any inquiries related to installation, configuration, and calibration of the spectrometer system.

We offer a range of services, including on-site training, remote diagnostics, and troubleshooting support. Our technical support team is dedicated to providing timely and effective solutions to any issues that may arise. We also offer customized maintenance plans to ensure the reliability and longevity of the system.

Company Profile



Packing and Shipping:

Product Packaging:

The High-Throughput Transmission Fiber Spectrometer is carefully packaged in a sturdy cardboard box with foam inserts to protect the instrument during shipping. The spectrometer is also covered with a protective plastic film to prevent scratches or damage to the surface.

Package



Packaging Box



ST100S



Internal Packaging

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 ST100S.

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 50 PCS/70-90 days.

Q: What is the delivery time for this product?

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

Q: How is this product packaged?

A: This product is packaged with customized packaging.



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