Throughput Transmission Fiber Optic Spectrometer High Compatibility Zero Aberration

Our Product Introduction

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
- Applications: Research-grade Raman Spectroscopy Detection System: 785nm Confocal Raman Microscopy, Online Raman Detection: Detection Of Pharmaceuticals, Biological Fermentation And Chemical Reaction Process
- Dimensions: 354.9*198.7*123.5mm
- Interface: USB 2.0
- Fiber Connector: FC/PC
- Optical Resolution: 0.35nm, Corresponds To 5cm-1(50μm Slit)
- Number Of Channels: 6 Channels (for Multi-core Optical Fiber With Core Diameter Of 200μm)

Product Description

Throughput Transmission Fiber Spectrometer Stable and Resolution Optical Resolution

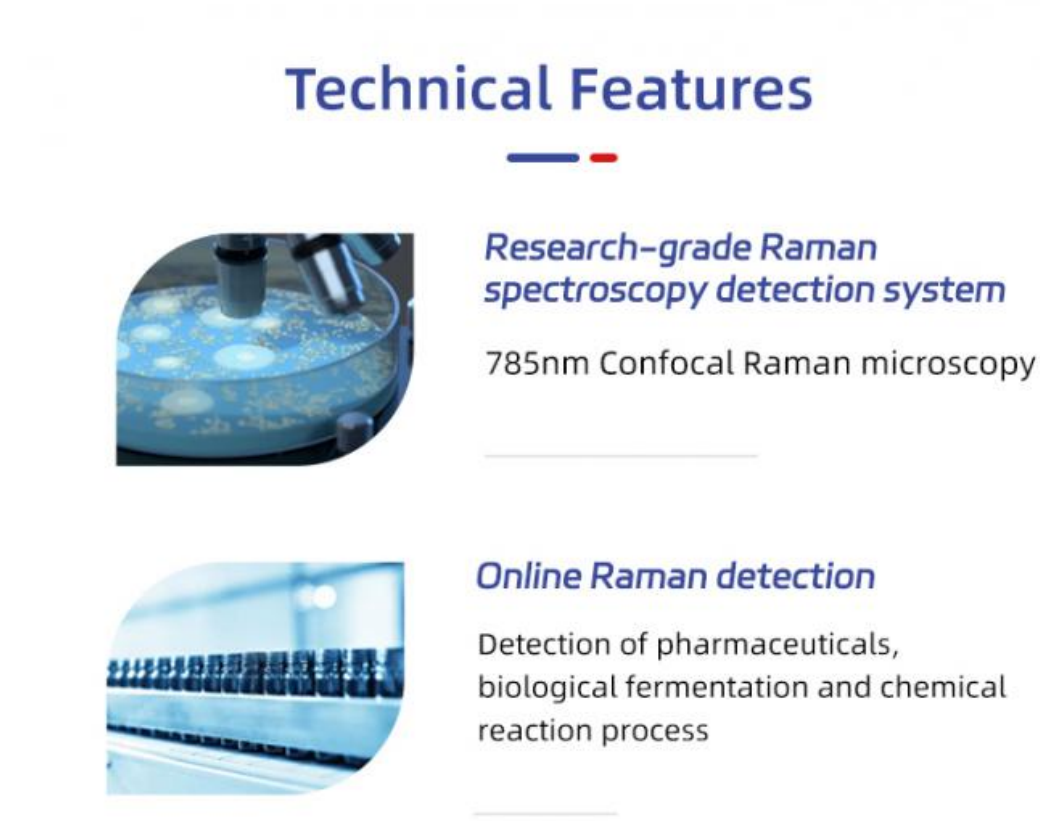
Product Description:

With its advanced spectral analysis technology, this spectrometer is perfect for deep-cooling Raman spectroscopy, online Raman detection, and 785nm confocal Raman microscopy.
The VPH grating allows for high diffraction efficiency and zero-aberration, resulting in superior performance and accuracy. The spectrometer also supports multiple channels, allowing for simultaneous measurements of different samples.
The Transmission Fiber Spectrometer is highly stable, ensuring reliable and consistent performance. It is equipped with a USB 2.0 interface for easy connectivity and data transfer.
This product falls under the category of fiber optic spectrometers and is ideal for use in a wide range of applications, including chemistry, biology, and material science.

Features:

Product Name: High-Throughput Transmission Fiber Spectrometer
Weight: <6Kg (including Camera)
Number Of Channels: 6 Channels (for Multi-core Optical Fiber With Core Diameter Of 200μm)
Interface: USB 2.0
Diffraction Efficiency: >85%

Company Profile and Certification: JINSP Company Limited originates from Tsinghua University and has 17 years of experience in developing spectroscopic technology. As a leading supplier of spectroscopic technology, JINSP Technology offers over twenty spectroscopic products across various fields, including pharmaceutical and chemical industries, public security, customs, and fiber optic spectrometers. Our products are available nationwide and are exported to over 30 countries, with cumulative sales exceeding 3,000 units.
This High-Throughput Transmission Fiber Spectrometer is a cutting-edge device that provides multiple scientific research Raman Spectrometer capabilities. It is a scientific research raman Spectrometer with diffraction efficiency of over 85%.



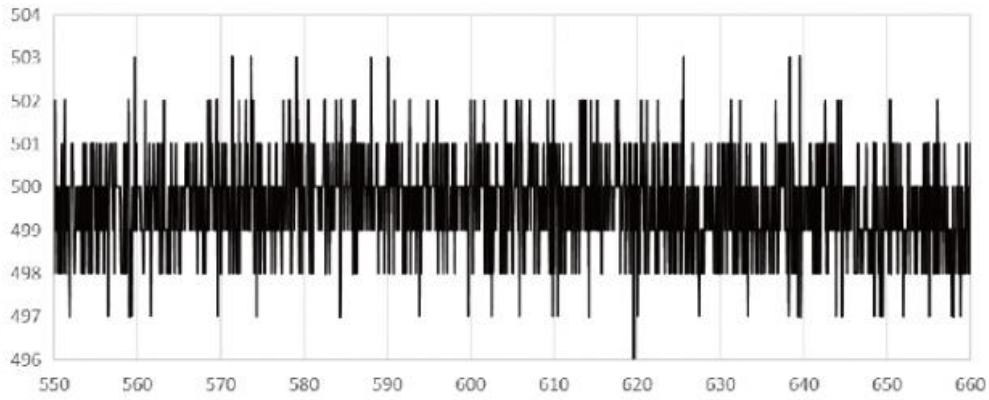
Technical Parameters:

Technical Parameter	Description
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)
Grating Type	VPH Volume Holographic Transmission Grating
Wavelength Range	785nm~988nm Corresponds To 0~2600cm-1
Product Category	Fiber Optic Spectrometers
Features	High Compatibility, Zero-aberration, High Diffraction Efficiency, Support multiple channels, High Flux, Highly stable
Interface	USB 2.0
Fiber Connector	FC/PC

Technical Characteristics

High Compatibility

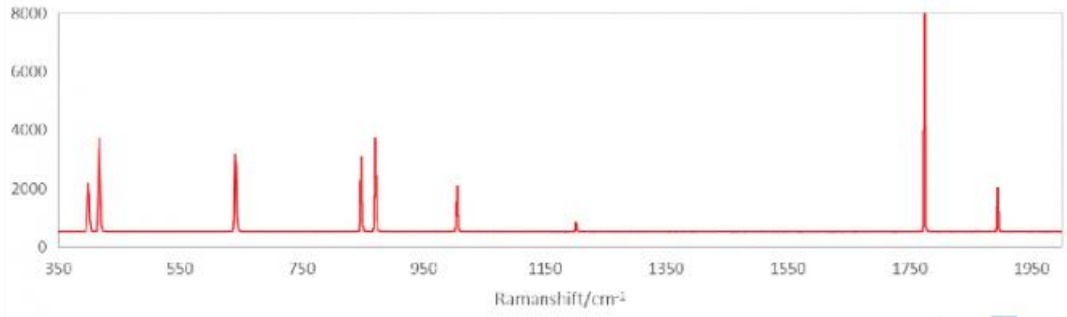
Compatible with multiple scientific research grade cooling cameras such as PI and Andor, with ultra-low dark current and noise

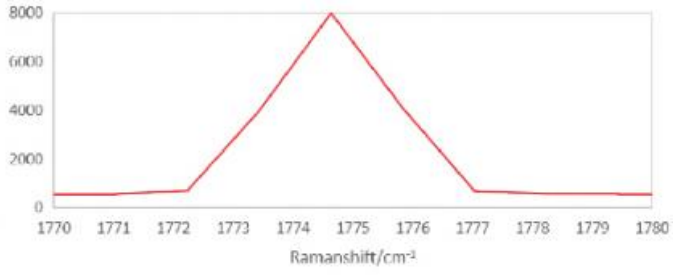


Extremely low dark current noise, noise ~2counts

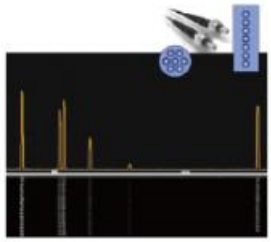
Zero-aberration

Zero aberration design, diffraction-limited resolution





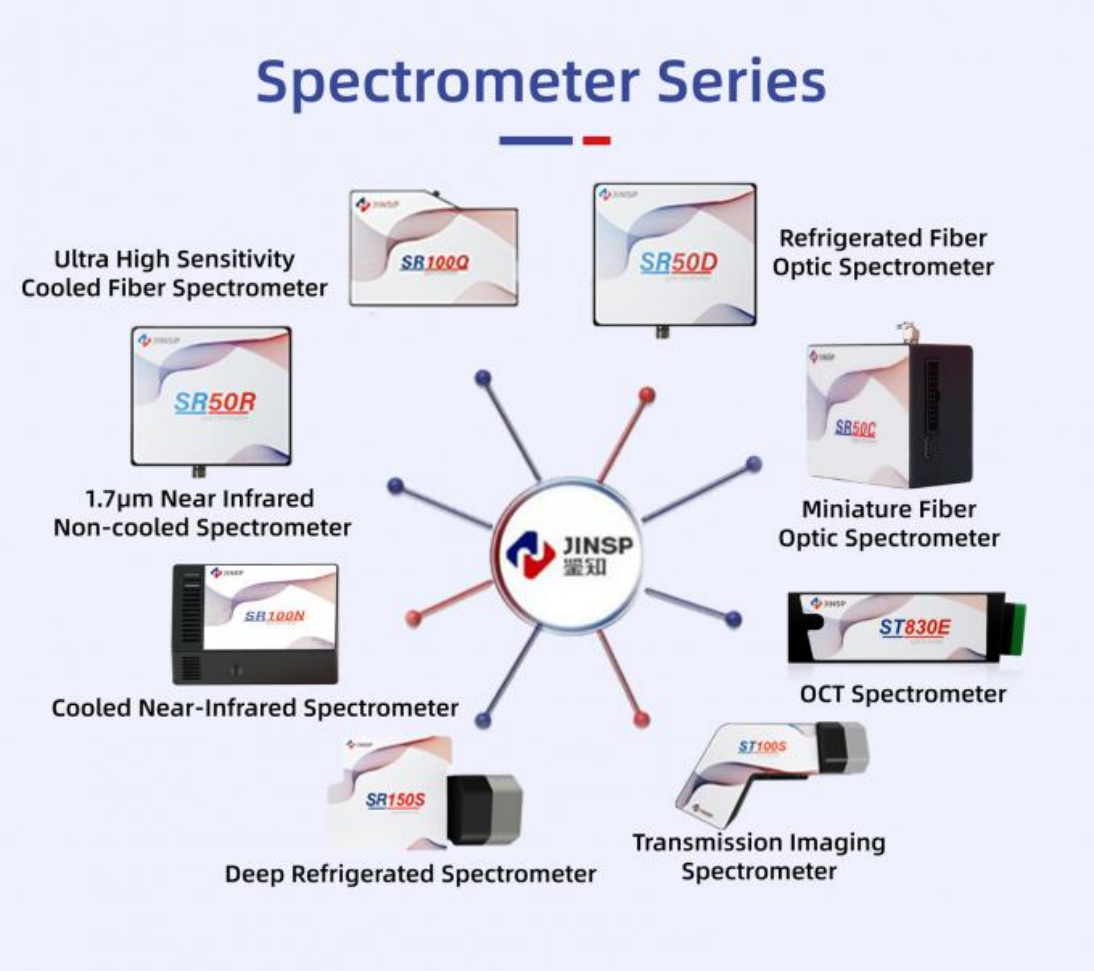
Slit resolution of 25μm can achieve 3cm-1



Multi-core optical fiber imaging performance

Applications:

The JINSP ST100S High-Throughput Transmission Fiber Spectrometer is a top-of-the-line product for various applications. Its deep-cooling CCD detector type and 6-channel capability make it perfect for 785nm confocal Raman microscopy. The VPH volume holographic transmission grating ensures accurate and precise results, making it ideal for transmission Raman spectroscopy.
For the best price, please provide us with details such as wavelength, detector, effective pixels, and focal length. We will send you a quotation with details to your email in the shortest time possible.



Support and Services:

The High-Throughput Transmission Fiber Spectrometer product is a state-of-the-art instrument designed to provide accurate and reliable measurements of transmission spectra for a wide range of materials. Our technical support team is available to provide assistance with any issues you may encounter during installation, setup, or operation of the instrument.

In addition to technical support, we offer a range of services to ensure that your High-Throughput Transmission Fiber Spectrometer product operates at peak performance. These services include calibration and maintenance, as well as training and education on the use of the instrument.

Our team of experts is dedicated to providing you with the highest level of support and service, and we are committed to ensuring your satisfaction with the High-Throughput Transmission Fiber Spectrometer product.

Packing and Shipping:

Product Packaging:
The High-Throughput Transmission Fiber Spectrometer product will be packaged securely to ensure safe delivery. The product will be placed in a durable cardboard box with protective foam inserts to prevent any damage during transport. The box will be labeled with the product name and fragile stickers to communicate handling instructions to the shipping carrier.

FAQ:

Q: What is the brand name of the product?
A: The brand name of the product is JINSP.
Q: What is the model number of the product?
A: The model number of the product is ST100S.
Q: What is the delivery time for the product?
A: The delivery time for the product is 40-70 working days.
Q: What are the payment terms for the product?
A: The payment terms for the product are T/T and Western Union.
Q: What is the supply ability for the product?
A: The supply ability for the product is 50 PCS/70-90 days.
Q: Is the price for the product negotiable?
A: Yes, the price for the product is negotiable.
Q: What is the place of origin for the product?
A: The place of origin for the product is China.
Q: What are the packaging details for the product?
A: The packaging details for the product are customized packaging.

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