

VPH Volume Holographic Transmission Grating Spectrometer Support Multiple Channels

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

- Optical Resolution: 0.35nm, Corresponds To 5cm-1 (50 μ m Slit)
- Dimensions: 354.9*198.7*123.5mm
- Grating Type: VPH Volume Holographic Transmission Grating
- Product Name: Transmission Fiber Spectrometer Advanced Spectral Analysis Technology
- Applications: Research-grade Raman Spectroscopy Detection System: 785nm Confocal Raman Microscopy, Online Raman Detection: Detection Of Pharmaceuticals, Biological Fermentation And Chemical Reaction Process
- Weight: <6Kg (including Camera)
- Highlight: **Multiple Channels Transmission Grating Spectrometer**

Transmission Raman Spectrometer Utilizing VPH Volume Transmission Grating

With dimensions of 354.9*198.7*123.5mm, this spectrometer is compact and easy to use. It features six channels, allowing for multi-core optical fiber with a core diameter of 200 μ m. The diffraction efficiency is over 85%, ensuring accurate and reliable results every time. The High-Throughput Transmission Fiber Spectrometer is perfect for research-grade Raman spectroscopy detection systems. It is specifically designed for 785nm confocal Raman microscopy, online Raman detection, and the detection of pharmaceuticals, biological fermentation, and chemical reaction processes.

Transmission Imaging Spectrometer

Ultimate sensitivity High resolution

ST100S



Features:

Product Name: High-Throughput Transmission Fiber Spectrometer

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

Diffraction Efficiency: >85%

Wavelength Range: 785nm~988nm Corresponds To 0~2600cm⁻¹

High Compatibility

Zero-aberration

High Diffraction Efficiency

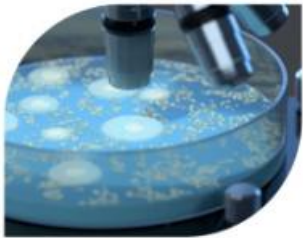
Support multiple channels

High Flux

Highly stable

This High-Throughput Transmission Fiber Spectrometer is an online Raman detection equipment with deep-cooling Raman spectrometer. It features high compatibility, zero-aberration, high diffraction efficiency, support for multiple channels, high flux, and highly stable.

Technical Features



Research-grade Raman spectroscopy detection system

785nm Confocal Raman microscopy



Online Raman detection

Detection of pharmaceuticals, biological fermentation and chemical reaction process

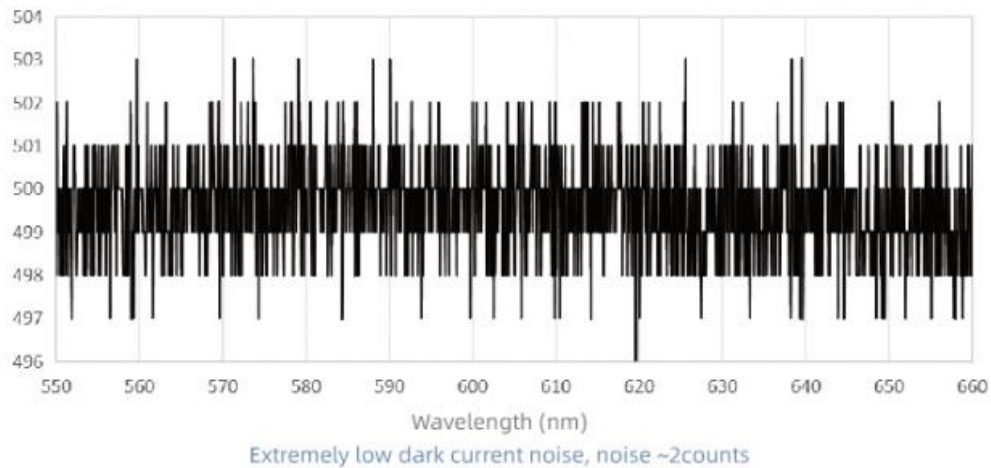
Technical Parameters:

Product Category:	Fiber Optic Spectrometers
Dimensions:	354.9*198.7*123.5mm
Weight:	<6Kg (including Camera)
Wavelength Range:	785nm~988nm Corresponds To 0~2600cm ⁻¹
Diffraction Efficiency:	>85%
Applications:	Research-grade Raman spectroscopy detection system: 785nm Confocal Raman microscopy, Online Raman detection: Detection of pharmaceuticals, biological fermentation and chemical reaction process
Features:	High Compatibility, Zero-aberration, High Diffraction Efficiency, Support multiple channels, High Flux, Highly stable
Optical Resolution:	0.35nm, Corresponds To 5cm ⁻¹ (50μm Slit)

Technical Characteristics

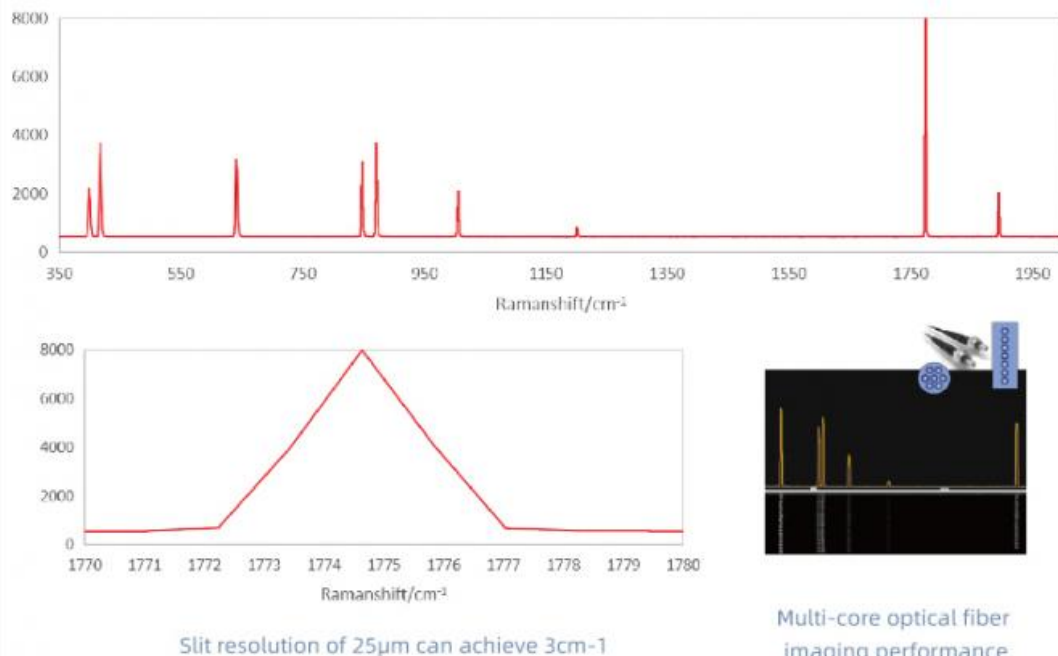
High Compatibility

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

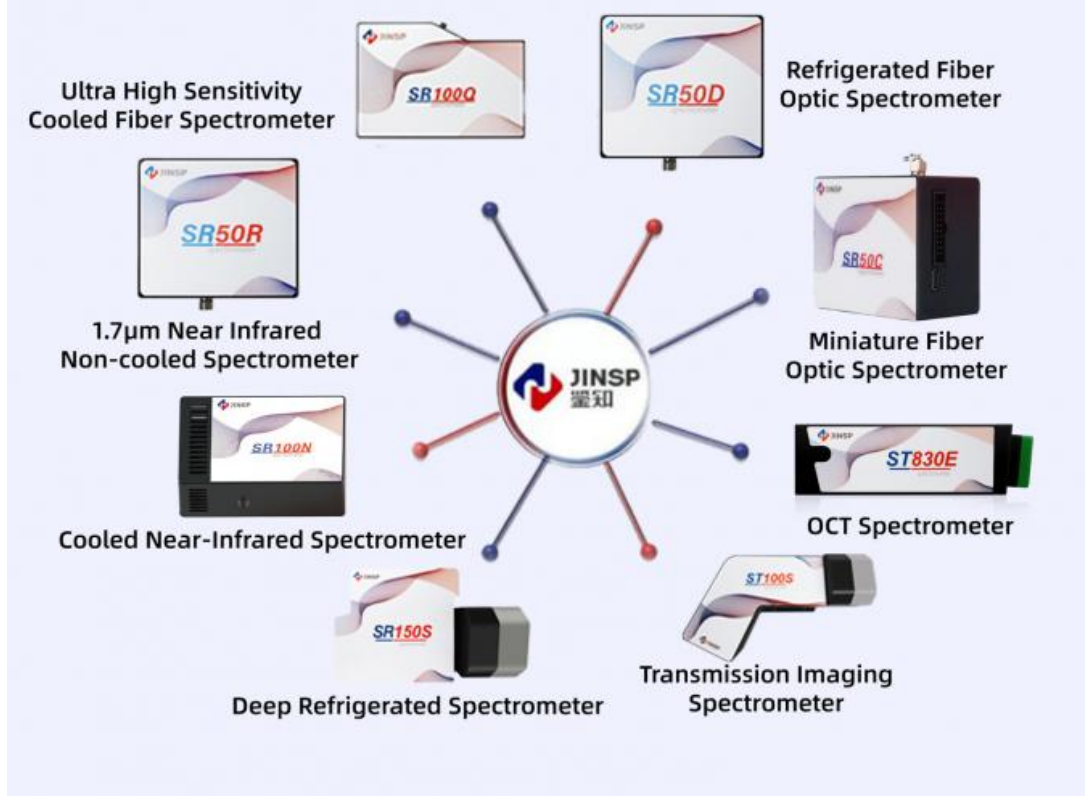


Applications:

With its high throughput capability, the Transmission Fiber Spectrometer is suitable for multiple scientific research applications. It is ideal for analyzing the transmission spectra of various samples, including liquids, gases, and solids. This product is perfect for laboratories, universities, and research institutions.

To receive the best price in the shortest time, please provide us with details such as wavelength, detector, effective pixels, focal length, and more when sending us an inquiry. We will send you a quotation with details soon to your email.

Spectrometer Series



Support and Services:

The High-Throughput Transmission Fiber Spectrometer is a high-performance instrument designed for accurate and rapid spectral analysis. Our product technical support and services include:

1. **Installation and Setup:** Our experienced technicians can help with the installation and setup of the spectrometer to ensure it is optimized for your specific application.
2. **Training:** We provide training on the operation and maintenance of the spectrometer to ensure accurate and reliable results.
3. **Repair and Maintenance:** Our technical support team can assist with any issues or repairs that may arise during the lifespan of the spectrometer.
4. **Calibration and Validation:** We offer calibration and validation services to ensure your spectrometer is always providing accurate and reliable data.
5. **Upgrades and Accessories:** We offer a range of upgrades and accessories to enhance the functionality and performance of your spectrometer.

Our goal is to provide excellent technical support and services to ensure that our customers get the most out of their High-Throughput Transmission Fiber Spectrometer.

Packing and Shipping:

Product Packaging:

The High-Throughput Transmission Fiber Spectrometer comes securely packaged in a sturdy cardboard box.

The device is wrapped in protective foam to prevent any damage during shipping.

Accessories such as cables and power supply are included in the package, neatly organized in separate compartments.

An instruction manual is included to provide guidance on installation and usage of the device.

Shipping:

The High-Throughput Transmission Fiber Spectrometer is shipped via a reliable courier service.

Delivery time depends on the destination, but typically takes between 3-7 business days.

Tracking information will be provided to the customer once the order has been shipped.

The package requires a signature upon delivery to ensure safe and secure receipt of the product.

Package



Packaging Box



ST100S



Internal Packaging



JINSP Company Ltd.

8618620854039

phoebeyu@jinsptech.com

spectralanalyser.com

21st Floor, Building D, Tsinghua Tongfang Science and Technology Plaza, Haidian District, Beijing China