Research Grade Throughput Transmission Fiber Spectrometer For Easy Portability

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

- Wavelength Range: 785nm~988nm Corresponds To 0~2600cm-1
- Diffraction Efficiency: >85%
- Interface: USB 2.0
- Fiber Connector: FC/PC
- 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: **Research Grade Fiber Spectrometer**, **Easy Portability Fiber Spectrometer**, **Easy Portability Transmission Spectrometer**

Our Product Introduction

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Product Description

Throughput Transmission Fiber Spectrometer 6Kg including Camera for Easy Portability

Product Description:

Our Transmission Fiber Spectrometer Advanced Spectral Analysis Technology is equipped with a CCD detector type, and is perfect for those in need of research-grade Raman spectroscopy. In the event that the spectrometer experiences problems, customers can rest easy knowing that it comes with a one-year warranty, and our technicians will be able to diagnose and repair the device free of charge. Accepted payment methods include T/T, Paypal, Western Union, L/C, and more, ensuring a hassle-free purchasing experience.

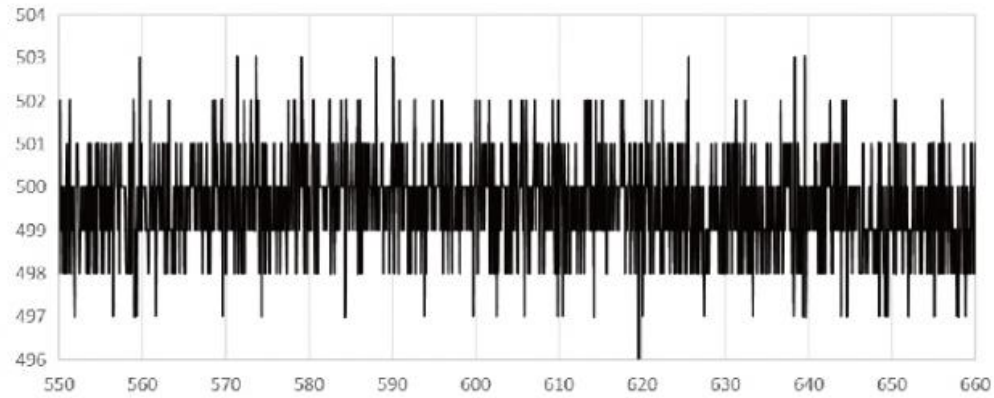
Features:

Product Name: High-Throughput Transmission Fiber Spectrometer
Diffraction Efficiency: >85%
Interface: USB 2.0
Wavelength Range: 785nm~988nm Corresponds To 0~2600cm-1
Fiber Connector: FC/PC
Research-grade Raman spectroscopy
Online Raman detection
Transmission raman Spectrometer

Technical Characteristics

High Compatibility

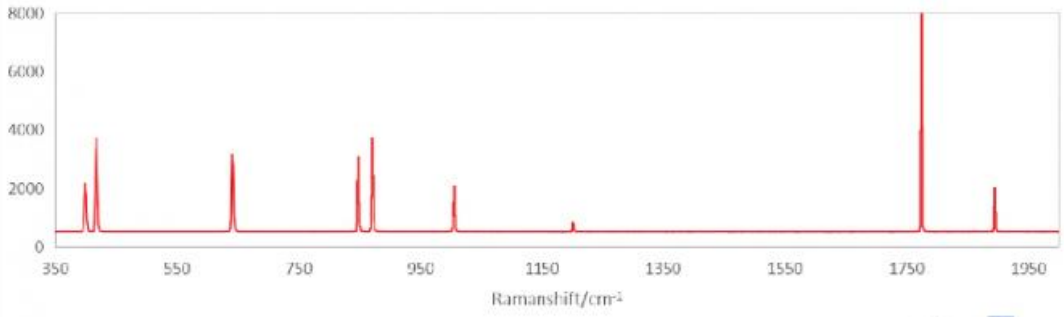
Compatible with multiple scientific research grade cooling cameras such as PI and Andor, with ultra-low dark current and noise

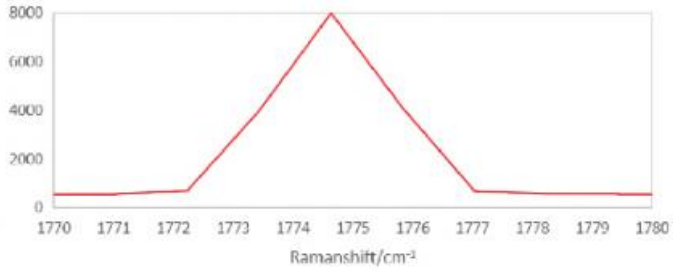


Extremely low dark current noise, noise ~2counts

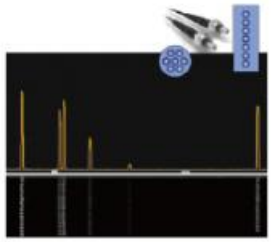
Zero-aberration

Zero aberration design, diffraction-limited resolution





Slit resolution of 25μm can achieve 3cm-1



Multi-core optical fiber imaging performance

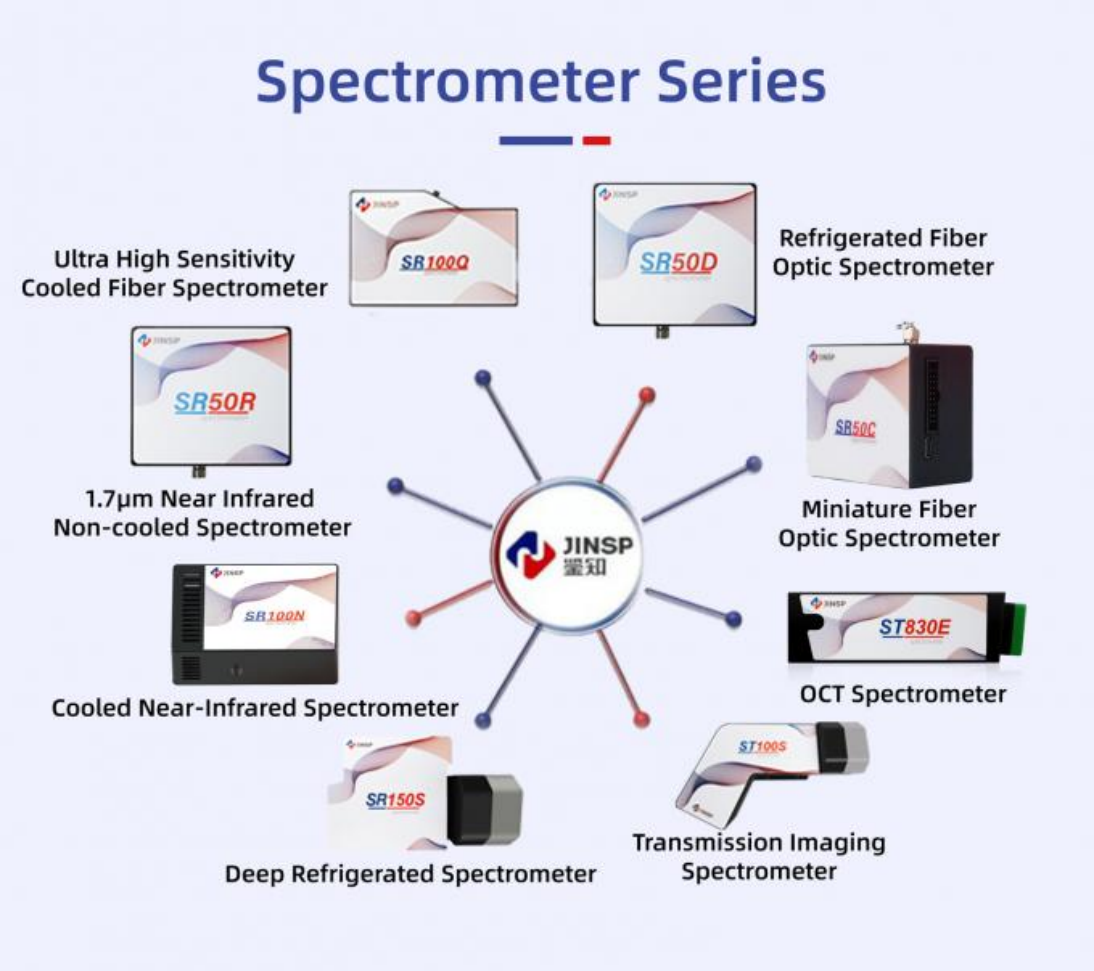
Technical Parameters:

Applications	Research-grade Raman spectroscopy detection system: 785nm Confocal Raman microscopy, Online Raman detection: Detection of pharmaceuticals, biological fermentation and chemical reaction process
Detector Type	CCD

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)
Weight	<6Kg (including Camera)
Features	High Compatibility, Zero-aberration, High Diffraction Efficiency, Support multiple channels, High Flux, Highly stable
Dimensions	354.9*198.7*123.5mm
Grating Type	VPH Volume Holographic Transmission Grating
Product Category	ST100S transmission fiber Spectrometers

Applications:

The JINSP ST100S High-Throughput Transmission Fiber Spectrometer is a top-of-the-line product suitable for multiple scientific research and industrial applications. This research-grade Raman spectrometer features a wavelength range of 785-988nm, corresponding to 0-2600cm-1, with a diffraction efficiency of over 85% and a CCD detector type.
Designed and manufactured in China, this high-performance spectrometer can detect pharmaceuticals, biological fermentation, and chemical reaction processes, making it ideal for online Raman detection. Additionally, the spectrometer is equipped with a 785nm confocal Raman microscopy, which is perfect for research-grade Raman spectroscopy detection systems.



Support and Services:

The High-Throughput Transmission Fiber Spectrometer product offers a range of technical support and services to ensure optimal performance and user satisfaction. Some of the services include:

Installation and setup assistance to ensure proper integration with existing systems

Calibration services to ensure accurate and reliable measurements

Remote technical support to troubleshoot and resolve any issues

On-site service and repair options for more complex problems

Training resources and materials to help users get the most out of the product

Our team of experienced technicians and support staff are dedicated to providing high-quality service and support to our customers.

Certifications

Packing and Shipping:

Product Packaging:
High-Throughput Transmission Fiber Spectrometer
Power Cord
USB Cable
Instruction Manual
Shipping:
Ships within 3-5 business days
Standard shipping: 5-7 business days
Expedited shipping: 3-5 business days
International shipping available

FAQ:

Q1: This is the first time I use, is it easy to operate?
A1: We will send you a manual and guide video in English, which can teach you how to operate the spectrometer. Also, our technicians will offer professional technical operation meetings.
Q2: Can you offer an operation training?
A2: Your technicians can come to our factory for training. JINSP engineers can also go to your place for local support (installation, training, debugging, maintenance).
Q3: How to receive the best price in the shortest time?
A3: When you send us an inquiry, please kindly offer details with wavelength, detector, effective pixels, focal length, and so on. We will send you a quotation with details soon to your email.
Q4: If the spectrometer has a problem in my place, how could I do?
A4: The spectrometer has a one-year warranty. If it breaks down, our technician will figure out what the problem might be, according to the client's feedback. We can repair it for free within one year of warranty.
Q5: Which payment can be acceptable?
A5: We could accept payment by T/T, Paypal, Western Union, L/C, etc.

JINSP Company Ltd.

8618620854039 phoebeyu@jinsptech.com spectralanalyser.com

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