

Scientific Research 785nm Confocal Raman Spectrometer Highly Efficient

Our Product Introduction

for more products please visit us on spectralanalyser.com

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: 80 PCS/70-90 days



Product Specification

- 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)
- Diffraction Efficiency: >85%
- Grating Type: VPH Volume Holographic Transmission
Grating
- Number Of Channels: 6 Channels (for Multi-core Optical Fiber With
Core Diameter Of 200μm)
- Dimensions: 354.9*198.7*123.5mm
- Highlight: **785nm Confocal Raman spectrometer ,
Scientific Research Confocal Raman**

Product Description

Scientific Research Raman Spectrometer 785nm Confocal Raman spectrometer

Product Description:

The fiber connector for this spectrometer is FC/PC, making it extremely easy to connect with other laboratory equipment. The High-Throughput Transmission Fiber Spectrometer boasts high diffraction efficiency, supporting multiple channels, high flux and is highly stable.

The online Raman detection feature of this product makes it an ideal tool for detecting pharmaceuticals, biological fermentation, and chemical reaction processes. Additionally, the High-Throughput Transmission Fiber Spectrometer is also perfect for 785nm Confocal Raman microscopy, making it an excellent choice for scientific research.

The USB 2.0 interface of this product ensures easy connectivity with other devices. With its high-throughput transmission fiber and ability to support multiple channels, the High-Throughput Transmission Fiber Spectrometer is the perfect choice for laboratories looking for highly efficient and accurate spectroscopy detection systems.

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 200µm)

Product Category: Fiber Optic Spectrometers

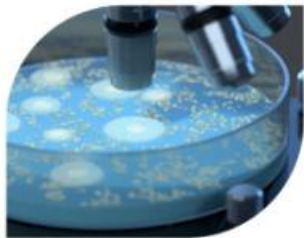
Company Profile and Certification: JINSP Company Limited originates from Tsinghua University and has 17 years of experience in

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.

Dimensions: 354.9*198.7*123.5mm

This High-Throughput Transmission Fiber Spectrometer is perfect for multiple scientific research Raman Spectrometer applications. It is a type of Transmission Raman Spectrometer that allows for efficient and accurate measurement of Raman spectra through optical fibers.

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 |
| Fiber Connector | FC/PC |
| Grating Type | VPH Volume Holographic Transmission Grating |
| Applications | Research-grade Raman spectroscopy detection system: 785nm Confocal Raman microscopy, Online Raman detection: Detection of pharmaceuticals, biological fermentation and chemical reaction process |
| Product Category | Fiber Optic Spectrometers |
| Diffraction Efficiency | >85% |
| Interface | USB 2.0 |
| Number Of Channels | 6 Channels (for Multi-core Optical Fiber With Core Diameter Of 200µm) |
| Keywords | Research-grade Raman spectroscopy, Research-grade Raman spectroscopy, Deep-cooling raman Spectrometer |

Applications:

The High-Throughput Transmission Fiber Spectrometer from JINSP, model number ST100S, is a top-of-the-line product that is made in China. The product is highly efficient with a diffraction efficiency of over 85%. It falls under the category of Fiber Optic Spectrometers and has an outstanding optical resolution of 0.35nm, which corresponds to 5cm-1 (50µm Slit).

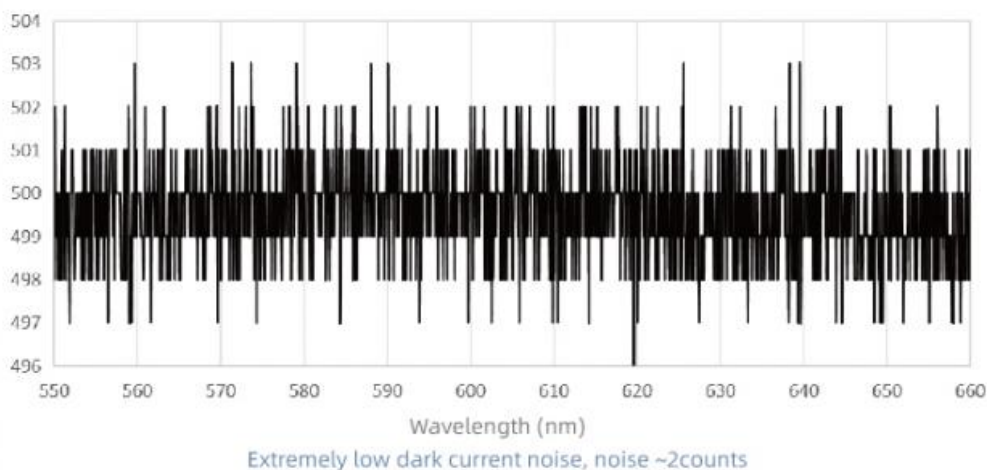
The product is ideal for research-grade Raman spectroscopy detection systems, such as 785nm confocal Raman microscopy. It is also suitable for online Raman detection, particularly in the detection of pharmaceuticals, biological fermentation, and chemical reaction processes.

Overall, the High-Throughput Transmission Fiber Spectrometer from JINSP is an excellent product that is suitable for a variety of applications. It is an online Raman detection product that is highly efficient and has a deep-cooling Raman Spectrometer.

Technical Characteristics

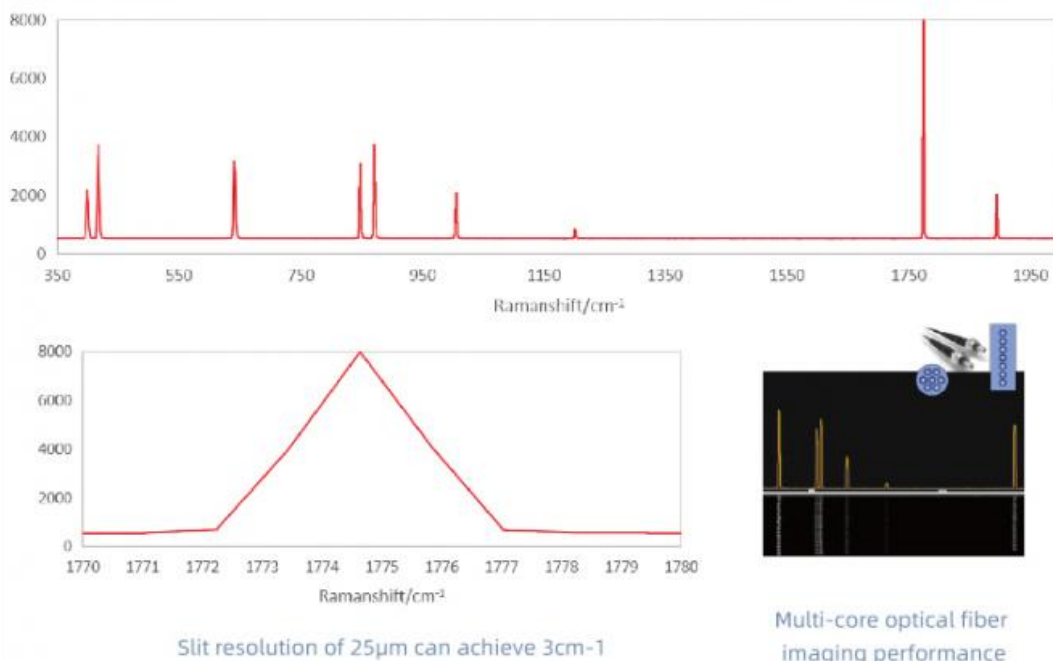
High Compatibility

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



Support and Services:

The High-Throughput Transmission Fiber Spectrometer is a high-performance spectrometer designed for use in a wide range of

applications, including chemical analysis, biological research, and environmental monitoring. It offers a number of advanced features, including:

High sensitivity and resolution

Wide spectral range

Fast acquisition times

Low noise and distortion

Contact us today to learn more about our High-Throughput Transmission Fiber Spectrometer and the support and services we offer.

Company Profile



Packing and Shipping:

Product Packaging:

The High-Throughput Transmission Fiber Spectrometer will be securely packaged in a durable cardboard box to ensure safe transport.

The product will be wrapped in protective foam to prevent any damage during shipping.

All necessary accessories and manuals will be included in the package.

Shipping:

Shipping will be handled by our trusted carrier partners.

Shipping times may vary depending on the destination and shipping method chosen.

Customers will receive a tracking number once the product has been shipped.

Please inspect the package upon delivery and report any damages to the carrier immediately.

Package



Packaging Box



ST100S



Internal Packaging

FAQ:

Here are the frequently asked questions and answers for the High-Throughput Transmission Fiber Spectrometer:

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: Where is the product manufactured?

A: The product is manufactured in China.

Q: Is the price of the product negotiable?

A: Yes, the price of the product is negotiable.

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 80 PCS/70-90 days.

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 packaging details for the product?

A: The packaging details for the product are customized packaging.



JINSP Company Ltd.



8618620854039



phoebeyu@jinsptech.com



spectralanalyser.com

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