

FC/APC Or SMA Fiber Raman Transmission Spectrometer For Quick Data Collection

Our Product Introduction

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Basic Information

- Place of Origin: CHINA
- Brand Name: JINSP
- Certification: CE
- Model Number: ST90S
- Minimum Order Quantity: 1
- Price: Negotiable
- Packaging Details: International Shipping Package
- Delivery Time: 60-70 working days
- Payment Terms: T/T, Western Union
- Supply Ability: 100PCS/60-70 working days



Product Specification

- Optical Resolution: 0.25nm, Corresponds To 8cm⁻¹ (50μm Slit)
- Grating Type: VPH Volume Holographic Transmission Grating
- Diffraction Efficiency: >85%
- Fiber Interface: SMA905 Or Φ10mm Multi-core Optical Fiber
- Numerical Aperture: 0.25
- Dimensions: 348.7mm×222.8mm ×126mm
- Detector Array: 512 Pixels
- Fiber Connector: FC/APC Or SMA
- Highlight: **SMA Fiber Transmission Spectrometer,
FC Fiber Transmission Spectrometer,
Quick Data Collection Raman Spectrometer**

Product Description

High-Throughput Transmission raman Spectrometer for Quick Data Collection

This Raman transmission spectrometer features a 532nm laser Raman spectrometer, which is capable of online gas detection and process analysis. The integration of industrial Raman system makes it a perfect choice for a wide range of applications. If you require operation training, our engineers can offer local support, including installation, training, debugging, and maintenance. You can also send your technicians to our factory for training.

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



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

Highly Stable No adjustable components, applicable to labs and industries

High Flux High flux, numerical aperture is 0.25

High Diffraction Efficiency VPH grating, diffraction efficiency up to 90%

Technical Characteristics



Highly Stable

No adjustable components, applicable to labs and industries

High Flux

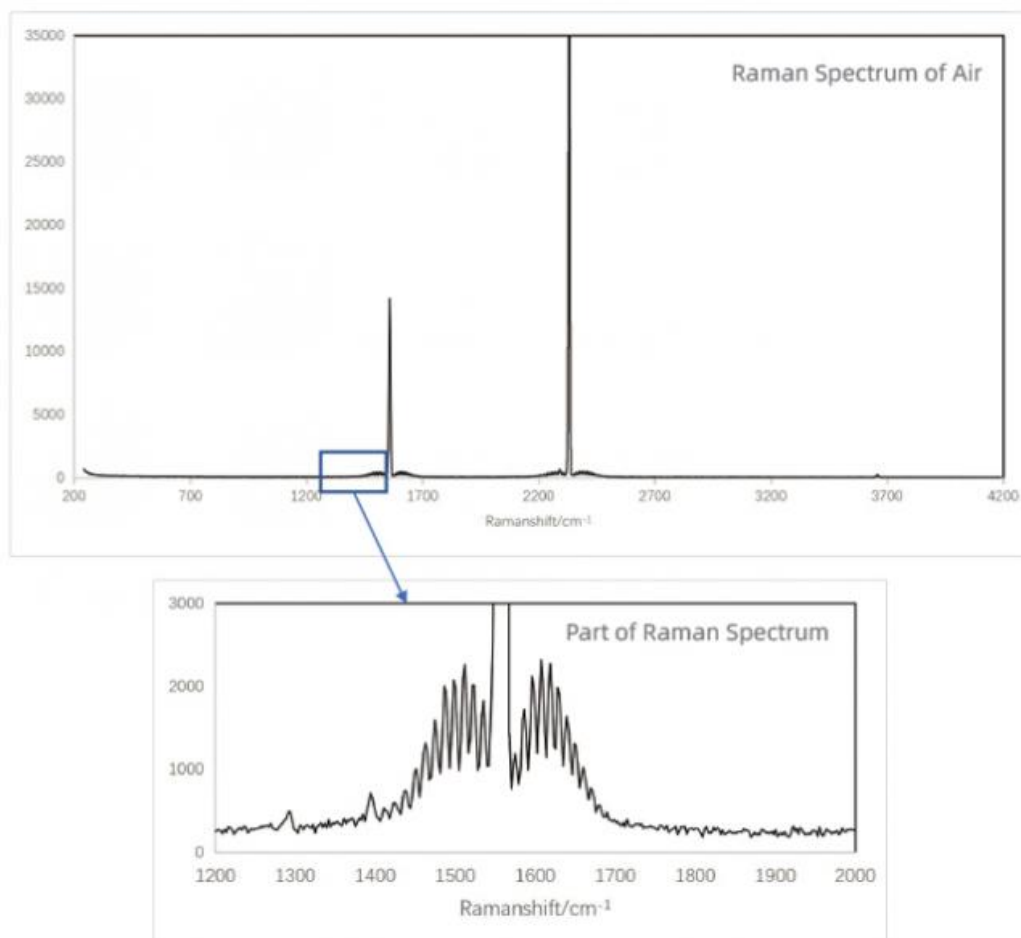
High flux, numerical aperture is 0.25

High Diffraction Efficiency

VPH grating, diffraction efficiency up to 90%

Support Multiple Channels

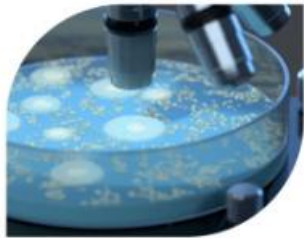
Compatible with SMA905 optical fiber and $\Phi 10\text{mm}$ multi-core optical fiber input interface



Technical Parameters:

| | |
|-----------------------------------------|---------------------------------------------------------------------------|
| Diffraction Efficiency: | >85% |
| Wavelength Range: | 540nm~686nm Corresponds To 260~4200cm ⁻¹ |
| Optical Resolution: | 0.25nm, Corresponds To 8cm ⁻¹ (50μm Slit) |
| Product Category: | Fiber Optic Spectrometers |
| Product Name: | High-Throughput Transmission raman Spectrometer for Quick Data Collection |
| Integration of industrial Raman system: | Capable of online gas detection and process analysis |
| Grating Type: | VPH Volume Holographic Transmission Grating |

Technical Features



Research-grade Raman spectroscopy detection system

532 Confocal Raman microscopy



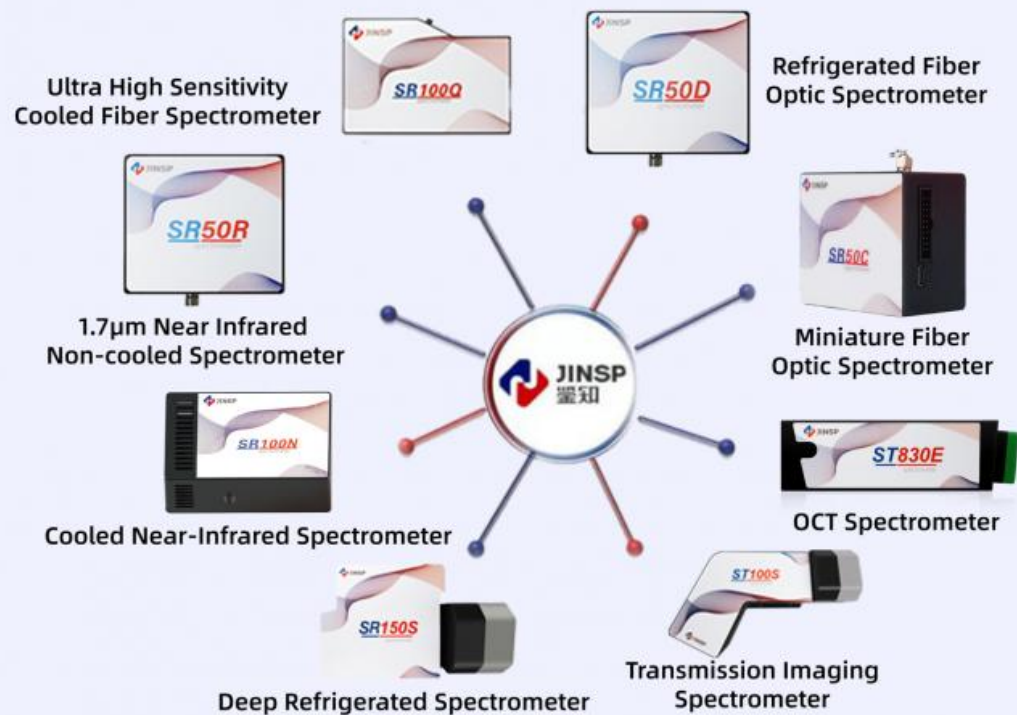
Integration of industrial Raman system

Capable of online gas detection and process analysis

Applications:

The JINSP ST90S spectrometer is perfect for a variety of application occasions and scenarios. It has a wavelength range of 540nm~686nm, which corresponds to 260~4200cm⁻¹. The product category is fiber optic spectrometers, and it weighs less than 6kg (including camera). The numerical aperture is 0.25, and the integration time ranges from 1ms-3600s. One of the most common scenarios where the JINSP ST90S is used is in 532 Confocal Raman microscopy. This technique is used to study the chemical and structural properties of molecules. The ultra-high resolution spectrometer makes it possible to detect even the smallest signals with great precision, which is essential for this type of research.

Spectrometer Series



Support and Services:

The High-Throughput Transmission Fiber Spectrometer is a state-of-the-art product that provides reliable and accurate spectral analysis for a wide range of applications. Our product technical support and services include:

Expert technical support and assistance with product installation, configuration, and troubleshooting

Access to online resources, including manuals, user guides, and FAQs

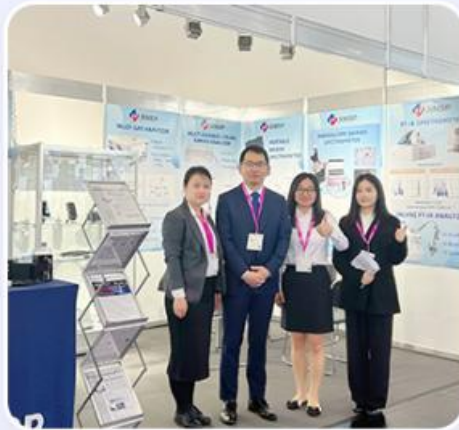
Regular software updates and upgrades to ensure compatibility with the latest technologies

Our team of experienced professionals is dedicated to providing exceptional customer service and ensuring that our customers receive the highest level of support and satisfaction.

Company Profile



Exhibition



Packing and Shipping:

Product Packaging:

The High-Throughput Transmission Fiber Spectrometer comes in a sturdy cardboard box to ensure safe delivery. The spectrometer is carefully packed with foam inserts to prevent any damage during transportation.

Package



Packaging Box



ST90S



Internal Packaging

FAQ

Q1: This is the first time I use, is it easy to operate?

A1: We will send you manual and guide video in English, it can teach you how to operate the spectrometer. Also our technicians will offer professional technical operation meetings.

Q2: Can you offer a operation training?

A2: Your technicians can come to our factory for a training. Jinsp engineers can go to your place for local support (installation , training, debugging, maintenance).

Q3: How to receive a 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 quotation with details soon to your email.

Q4: If the spectrometer has problem in my place, how could I do?

A4: The spectrometer has one year warranty. If it breaks down, our technician will figure out what the problem maybe, according to client's feedback. We can repair for free within one year warranty.

Q5: Which payment can be acceptable ?

A5: We could accept the payment by T/T, Paypal, Western Union, L/C, etc.



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