

Laboratory Transmission Spectrometer For Chemical Industry Online Biopharmaceuticals

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: Customized Packaging
- Delivery Time: 40-70working days
- Payment Terms: T/T, Western Union
- Supply Ability: 80 PCS/70-90 days



Product Specification

- Diffraction Efficiency: >85%
- Numerical Aperture: 0.25
- Integration Time: 1ms-3600s
- Integration Of Industrial Raman System: Capable Of Online Gas Detection And Process Analysis
- Fiber Interface: SMA905 Or Φ 10mm Multi-core Optical Fiber
- Optical Resolution: 0.25nm, Corresponds To 8cm-1(50 μ m Slit)
- Highlight: **Transmission spectrometer for Biopharmaceuticals**
, Chemical Industry Transmission spectrometer,
laboratory transmission spectrophotometer

Transmission spectrometer for Chemical Industry Online Biopharmaceuticals

The High-Throughput Transmission Fiber Spectrometer features a Numerical Aperture of 0.25, which enhances its light-gathering capabilities, making it suitable for a variety of applications that require high sensitivity and accuracy.

For easy operation, the product comes with a manual and guide video in English. Additionally, the manufacturer's technicians provide professional technical operation meetings to ensure clients get the best out of the device. For clients who require operation training, they can choose to have their technicians come to the factory or have Jinsp engineers go to their location for local support, including installation, training, debugging, and maintenance.

The High-Throughput Transmission Fiber Spectrometer is lightweight, weighing less than 6kg, including the camera, making it highly portable and convenient to use in the field or laboratory.



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

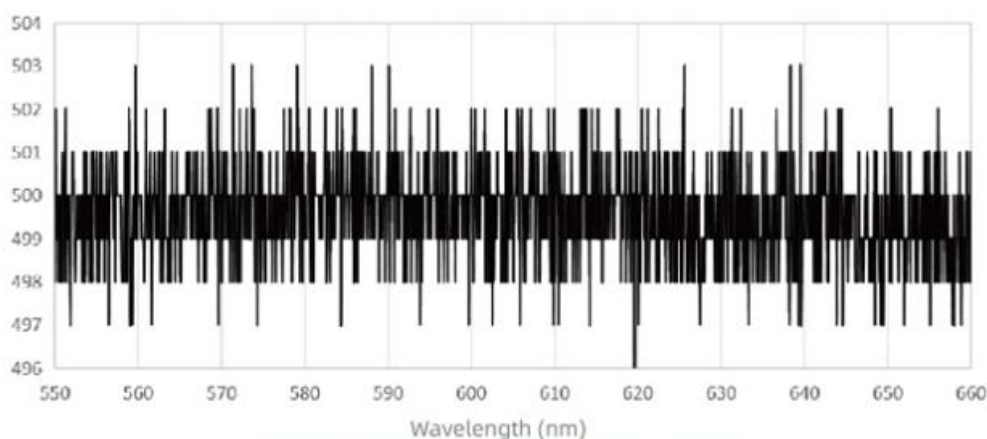
High Diffraction Efficiency VPH grating, diffraction efficiency up to 90%

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

Technical Characteristics

High Compatibility

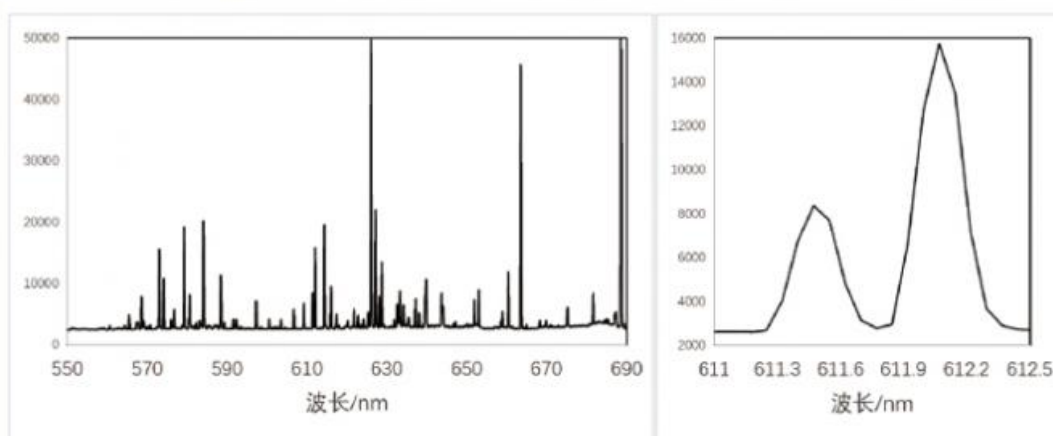
Compatible with multiple scientific research grade cooling cameras such as PI and Andor, with ultra-low dark current and noise



Extremely low dark current noise, noise ~2counts

Zero-aberration

Zero aberration design, diffraction-limited resolution



Atomic spectral lamp, with a half-width as low as 4cm^{-1}

Technical Parameters:

Product Name:	High-Throughput Transmission Raman Spectrometer for Quick Data Collection
Product Category:	Fiber Optic Spectrometers
Integration Time:	1ms-3600s
Numerical Aperture:	0.25

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%, Support Multiple Channels Compatible with SMA905 optical fiber and $\Phi 10\text{mm}$ multi-core optical fiber input interface
Wavelength Range:	540nm~686nm Corresponds To $260\sim 4200\text{cm}^{-1}$
Diffraction Efficiency:	>85%
Optical Resolution :	0.25nm, Corresponds To 8cm^{-1} (50 μm Slit)
Research-grade Raman Spectroscopy Detection System:	532 Confocal Raman Microscopy

This High-Throughput Transmission Raman Spectrometer for Quick Data Collection is an ultra-high resolution spectrometer with ultimate sensitivity. It features a research-grade Raman spectroscopy detection system of 532 Confocal Raman microscopy, making it a great tool for scientific research and analysis.

Technical Characteristics



Highly Stable

No adjustable components, applicable to labs and industries

High Flux

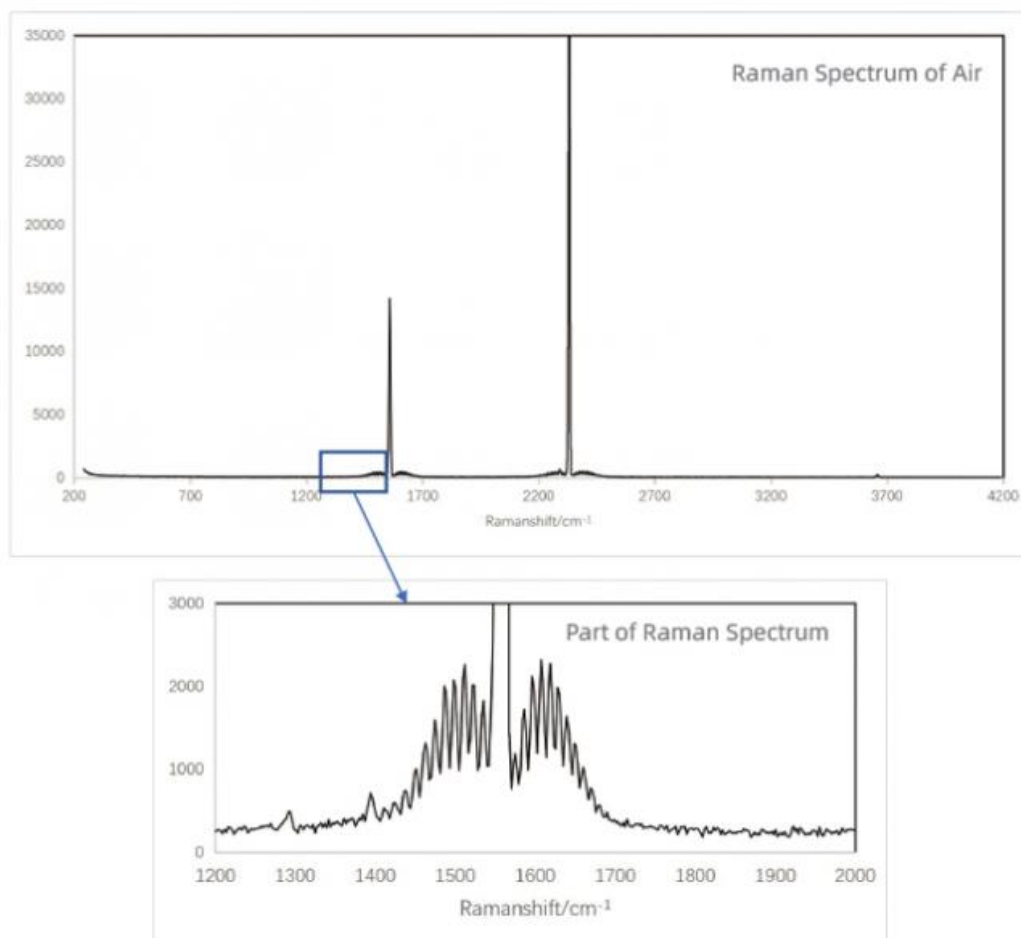
High flux, numerical aperture is 0.25

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

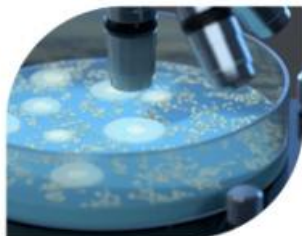


Applications:

Our Fiber Optic Spectrometer is the ideal solution for a range of applications, including pharmaceutical and chemical industries, public security, customs, and more. With cumulative sales exceeding 3,000 units, JINSP Technology has over 17 years of experience in developing spectroscopic technology and is a leading supplier in the industry.

Choose the JINSP ST90S High-Throughput Transmission Fiber Spectrometer for quick and accurate data collection.

Technical Features



Research-grade Raman spectroscopy detection system

532 Confocal Raman microscopy



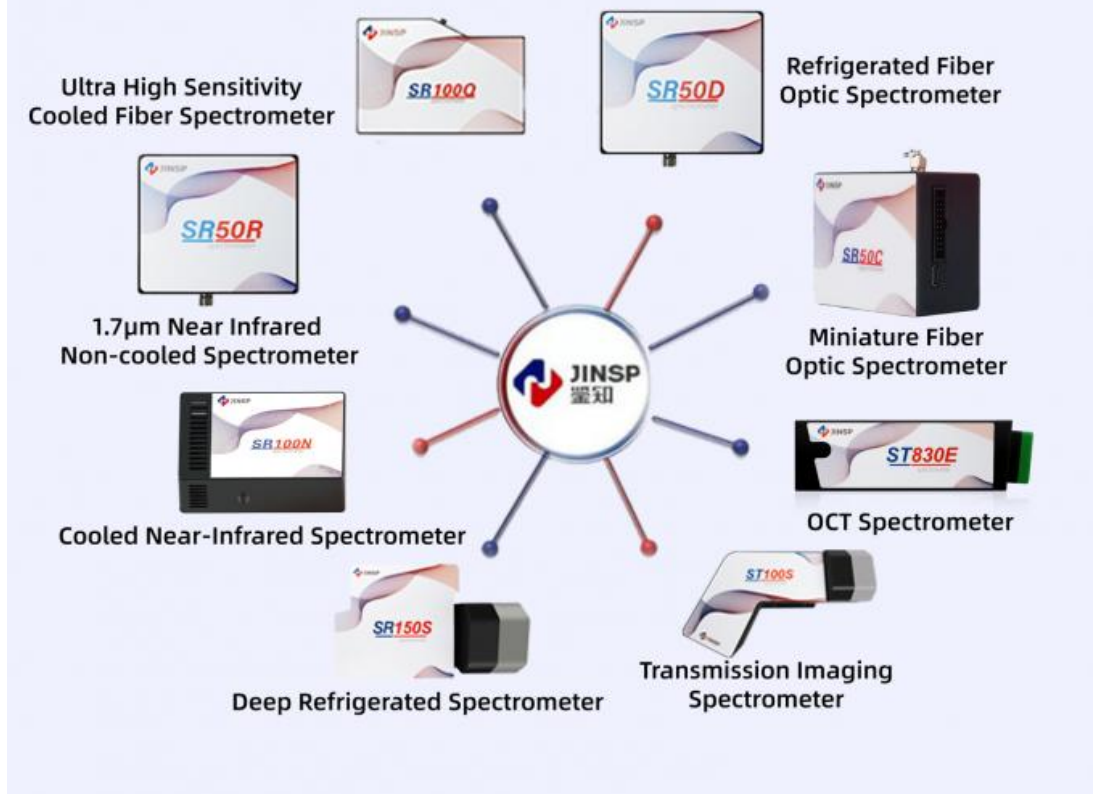
Integration of industrial Raman system

Capable of online gas detection and process analysis

Support and Services:

The High-Throughput Transmission Fiber Spectrometer product is designed to provide accurate and reliable spectral measurements for a variety of applications. Our technical support team is available to assist with any questions or issues related to the product, including setup, calibration, and troubleshooting. We also offer services such as repair and maintenance to ensure optimal performance of the product. Our team is committed to providing exceptional support and services to meet the needs of our customers.

Spectrometer Series



Packing and Shipping:

Product Packaging:

Our High-Throughput Transmission Fiber Spectrometer comes in a durable and secure packaging box to ensure safe transportation. The spectrometer is carefully packaged with protective foam to prevent any damage during shipping.

Package



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 ST90S.

Q: What is the minimum order quantity for the product?

A: The minimum order quantity for the product is 1 PC.

Q: What is the price of the product?

A: 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 of the product?

A: The supply ability of 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.



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