

High Compatibility Transmission Spectrometer For Pharmaceutical And Chemical Industries

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

- Integration Of Industrial Raman System: Capable Of Online Gas Detection And Process Analysis
- Product Name: High-Throughput Transmission Raman Spectrometer For Quick Data Collection
- 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 Component
- Wavelength Range: 540nm~686nm Corresponds To 260~4200cm⁻¹
- Dimensions: 348.7mm×222.8mm ×126mm
- Applications: Research-grade Raman Spectroscopy Detection System 532nm Confocal Raman

Product Description

High Compatibility Transmission Spectrometer for Pharmaceutical and Chemical Industries

The ST90S is well-suited for 532nm laser Raman spectrum detection systems, particularly in the context of gas Raman signal detection. With exceptional optical properties, a spectrum range of up to 4200 cm^{-1} , and a resolution of up to 4 cm^{-1} , it can replace large imported reflection spectrometers used for scientific research. Furthermore, it has excellent stability and compact size, making it ideal for integrating industrial equipment.



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

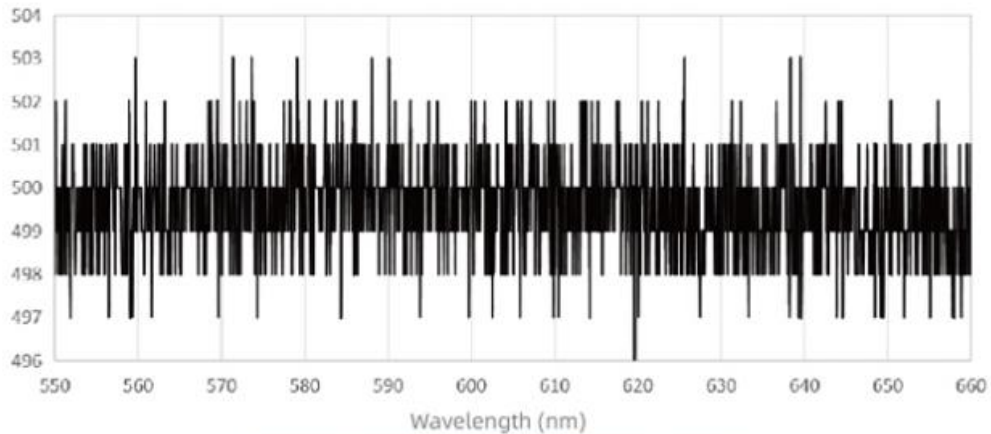
High Flux High flux, numerical aperture is 0.25

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

Technical Characteristics

High Compatibility

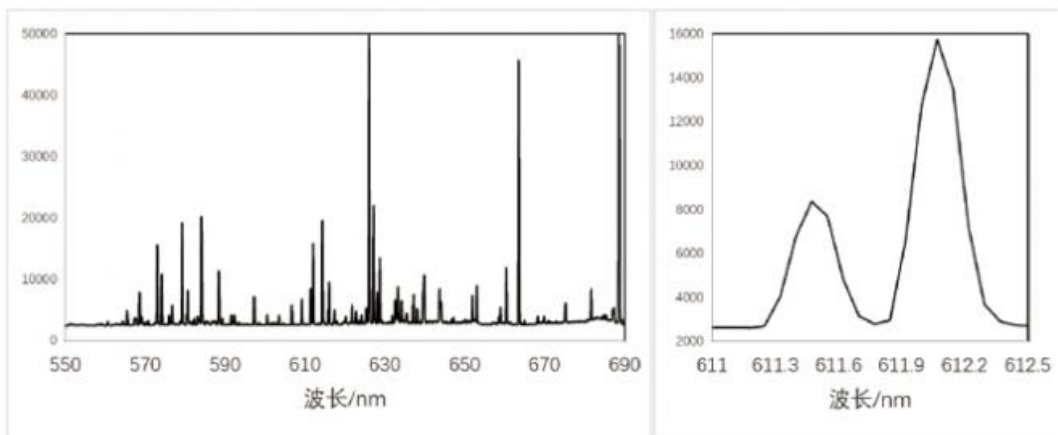
Compatible with multiple scientific research grade cooling cameras such as PI and Andor, with ultra-low dark current and noise



Extremely low dark current noise, noise ~ 2 counts

Zero-aberration

Zero aberration design, diffraction-limited resolution



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

Technical Characteristics



Highly Stable

No adjustable components, applicable to labs and industries

High Flux

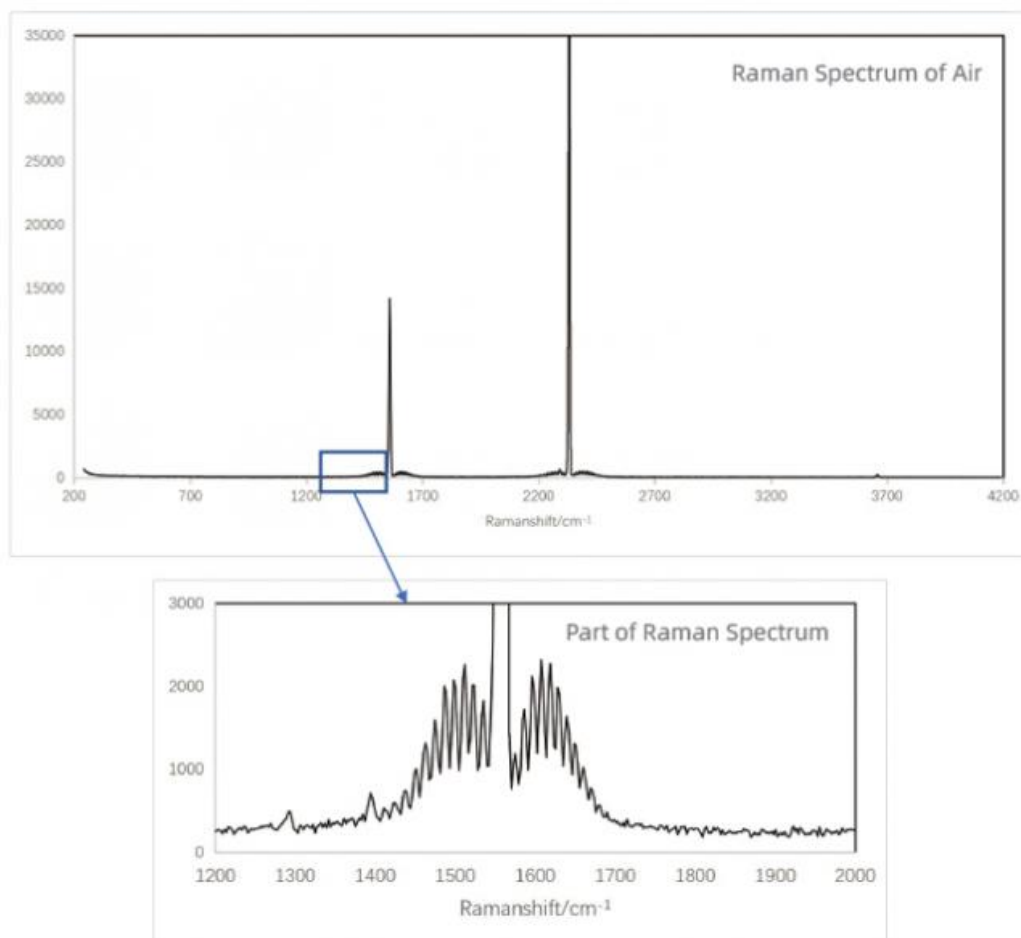
High flux, numerical aperture is 0.25

High Diffraction Efficiency

VPH grating, diffraction efficiency up to 90%

Support Multiple Channels

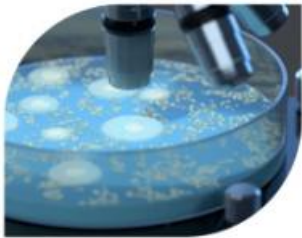
Compatible with SMA905 optical fiber and $\Phi 10\text{mm}$ multi-core optical fiber input interface



Features:

Product Name: High-Throughput Transmission Raman Spectrometer for Quick Data Collection
Product Category: Fiber Optic Spectrometers
Dimensions: 348.7mm×222.8mm ×126mm
Numerical Aperture: 0.25
Integration Time: 1ms-3600s
532nm laser Raman spectrum detection systems
VPH volume phase holographic transmission grating

Technical Features



Research-grade Raman spectroscopy detection system

532 Confocal Raman microscopy



Integration of industrial Raman system

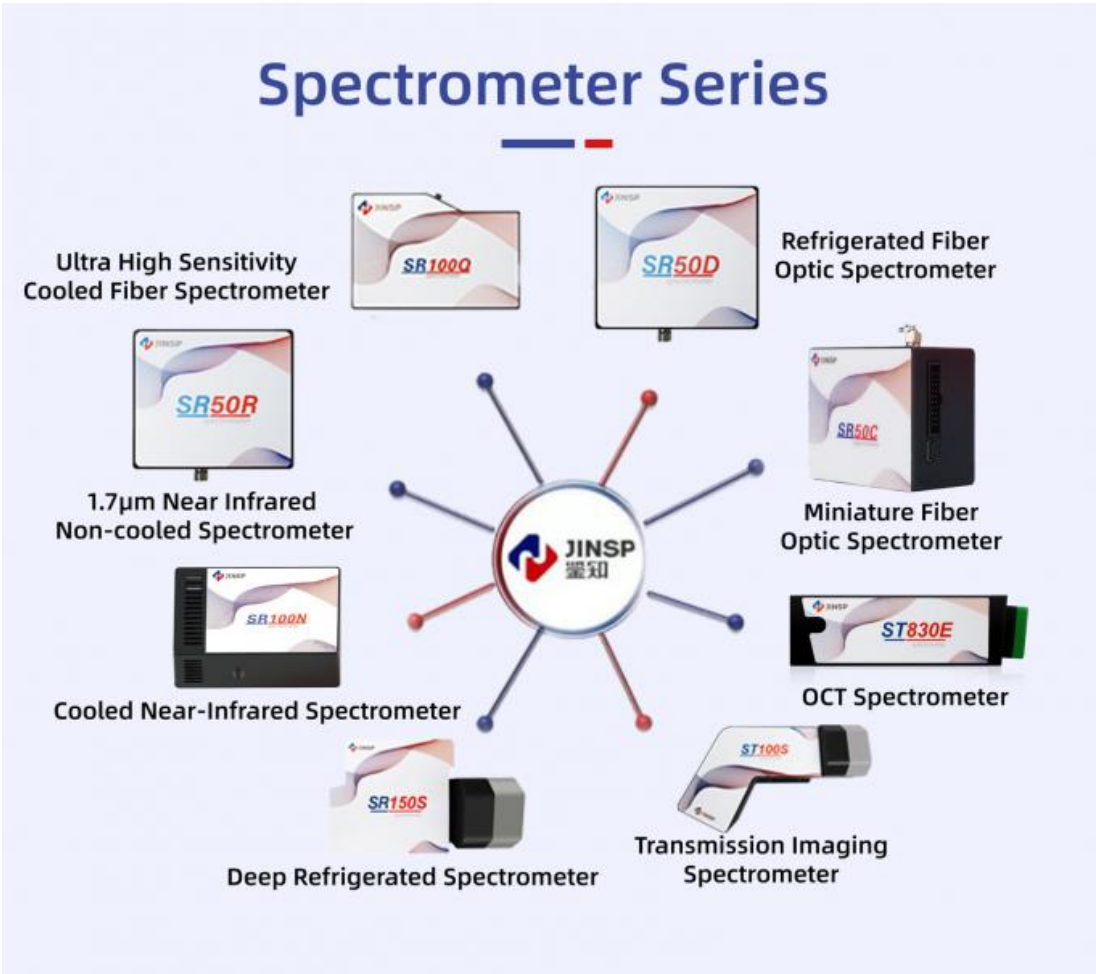
Capable of online gas detection and process analysis

Technical Parameters:

Grating Type	VPH Volume Holographic Transmission Grating
Applications	Research-grade Raman spectroscopy detection system, 532nm Confocal Raman microscopy, Integration of industrial Raman system, Chemical Industry Online Biopharmaceuticals
Wavelength Range	540nm~686nm Corresponds To 260~4200cm-1
Dimensions	348.7mm×222.8mm ×126mm
Product Name	High-Throughput Transmission Raman Spectrometer for Quick Data Collection

Technical Characteristics	Ultra-high resolution Spectrometer, Compatible with multiple scientific research grade cooling cameras such as PI and Andor, with ultra-low dark current and noise, Zero-aberration design, diffraction-limited resolution, No adjustable components, applicable to labs and industries, 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
Integration Time	1ms-3600s

Spectrometer Series



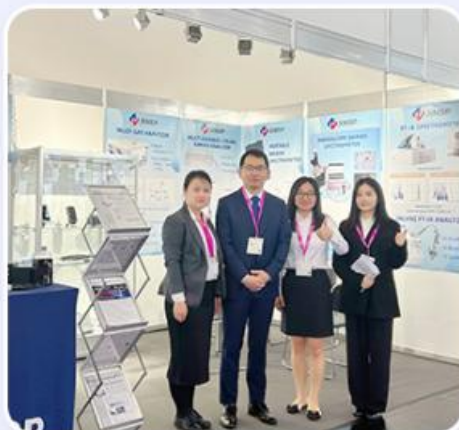
Company Profile and Exhibition

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.

Company Profile



Exhibition



FAQ:

Frequently Asked Questions (FAQs) for High-Throughput Transmission Fiber Spectrometer:

Q1. What is the brand name of this product?

A1. The brand name of this product is JINSP.

Q2. What is the model number of this product?

A2. The model number of this product is ST90S.

Q3. Where is this product manufactured?

A4. This product is manufactured in China.

Q4. What is the minimum order quantity for this product?

A5. The minimum order quantity for this product is 1.

Price: Negotiable

Payment Terms: T/T, Western Union

Supply Ability: 80 PCS/70-90 days

Delivery Time: 40-70 working days

Packaging Details: Customized Packaging



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