

## ST90S Raman Transmission Imaging Spectrometer High Flux CE Certified

Our Product Introduction

for more products please visit us on [spectralanalyser.com](http://spectralanalyser.com)

### 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

- Wavelength Range: 540nm~686nm Corresponds To 260~4200cm<sup>-1</sup>
- Grating Type: VPH Volume Holographic Transmission Grating
- Diffraction Efficiency: >85%
- Dimensions: 348.7mm×222.8mm ×126mm
- Weight: <6kg (including Camera)
- Fiber Length: Φ10mm Multi-core Optical Fiber
- Integration Time: 1ms-60s
- Power Supply: 12V DC
- Highlight: **Transmission Imaging Spectrometer High Flux, Transmission Imaging Spectrometer CE Certified, CE Certified Raman Spectrometer**

## Product Description

### ST90S Raman transmission imaging spectrometer

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.

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:

**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:

Applications:	Research-grade Raman spectroscopy detection system, 532 Confocal Raman microscopy, Integration of industrial Raman system, Chemical Industry Online Biopharmaceuticals
Diffraction Efficiency:	>85%
Wavelength Range:	540nm~686nm Corresponds To 260~4200cm <sup>-1</sup>
Optical Resolution:	0.25nm, Corresponds To 8cm <sup>-1</sup> (50 $\mu\text{m}$ Slit)
Product Category:	Fiber Optic Spectrometers
Product Name:	High-Throughput Transmission raman Spectrometer for Quick Data Collection

#### 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<sup>-1</sup>. 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.

Overall, the JINSP ST90S is a versatile and reliable spectrometer that can be used in a variety of applications. Its ultimate sensitivity and high resolution make it a valuable tool for researchers and scientists who need to study the properties of molecules in great detail.

# Transmission Imaging Spectrometer

Ultimate sensitivity Ultra-high resolution

## ST90S



# Technical Characteristics



## Highly Stable

No adjustable components, applicable to labs and industries

## High Flux

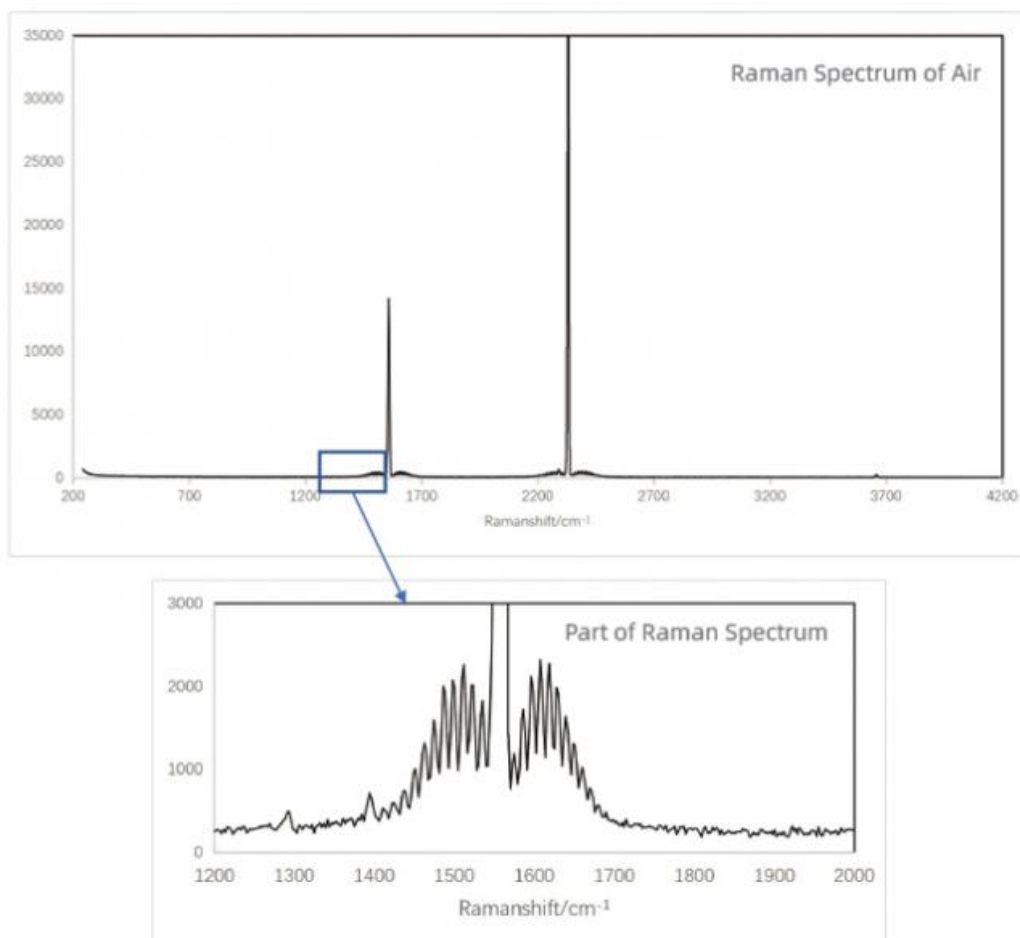
High flux, numerical aperture is 0.25

## High Diffraction Efficiency

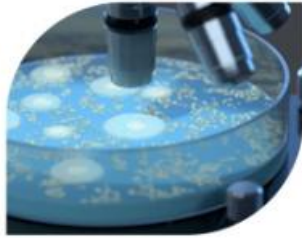
VPH grating, diffraction efficiency up to 90%

## Support Multiple Channels

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



# Technical Features



## Research-grade Raman spectroscopy detection system

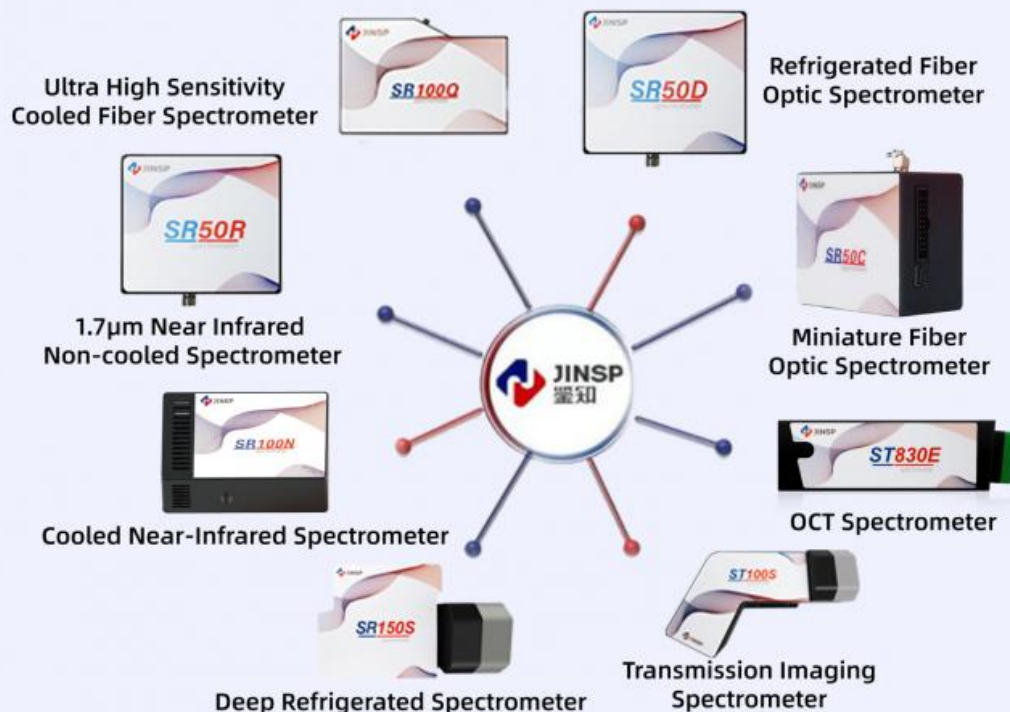
532 Confocal Raman microscopy



## Integration of industrial Raman system

Capable of online gas detection and process analysis

# 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:

- Regular software updates and upgrades to ensure compatibility with the latest technologies
- Calibration and maintenance services to optimize performance and accuracy
- Customization options to meet specific application requirements

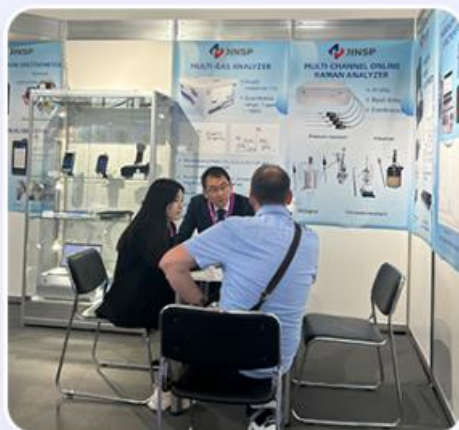
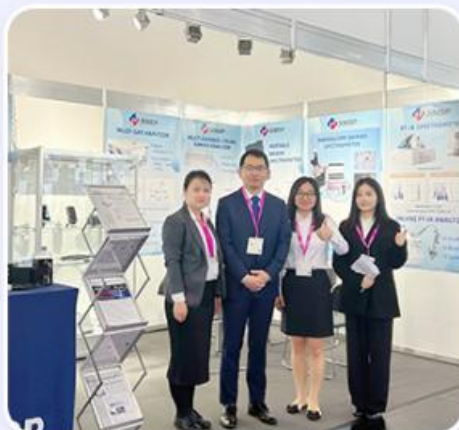


Our team of experienced professionals is dedicated to providing exceptional customer service and ensuring that our customers receive the highest level of support and satisfaction.

## Company Profile



# Exhibition



## Packing and Shipping:

The High-Throughput Transmission Fiber Spectrometer comes in a sturdy cardboard box to ensure safe delivery.

# Package



Packaging Box



ST90S



Internal Packaging

## FAQ:

- 1.What is the brand name of the product?  
JINSP is our brand name.
- 2.What is the model number of the product?  
ST90S Transmission Imaging Spectrometer.
- 3.What is the minimum order quantity for the product?  
The minimum order quantity is 1 PC.
- 4.What are the payment terms for the product?  
The payment terms are T/T and Western Union.
- 5.What is the delivery time for the product?  
The delivery time is 40-70 working days.



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