

## Transmission Raman Fiber Spectrometers Multi Core Optical Fiber Interface

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
- Grating Type: VPH Volume Holographic Transmission Grating
- Weight: <6kg (including Camera)
- Company Profile And Exhibition: JINSP Company Limited
- Dimensions: 348.7mm×222.8mm ×126mm
- Product Category: Fiber Optic Spectrometers
- Research-grade Ramanspectroscopy Detection System: 532 Confocal Raman Microscopy
- Highlight: **Fiber Spectrometers Multi Core, Transmission Raman Fiber Spectrometers,**

## Product Description

Transmission raman Spectrometer  $\Phi$ 10mm Multi-core Optical Fiber Interface

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  $\text{cm}^{-1}$ , and a resolution of up to 4  $\text{cm}^{-1}$ , 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.



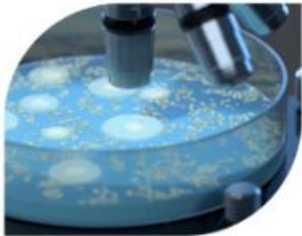
### Features:

Product Name: High-Throughput Transmission Fiber Spectrometer  
Product Category: Fiber Optic Spectrometers  
Fiber Interface: SMA905 Or  $\Phi$ 10mm Multi-core Optical Fiber  
Dimensions: 348.7mm $\times$ 222.8mm  $\times$ 126mm  
Optical Resolution: 0.25nm, Corresponds To 8 $\text{cm}^{-1}$ (50 $\mu\text{m}$  Slit)

Integration Time: 1ms-3600s

This high-throughput transmission fiber spectrometer is a top-of-the-line product in the category of fiber optic spectrometers. It features a fiber interface that supports SMA905 or  $\Phi 10\text{mm}$  multi-core optical fiber, and has dimensions of  $348.7\text{mm} \times 222.8\text{mm} \times 126\text{mm}$ . With an optical resolution of  $0.25\text{nm}$  that corresponds to  $8\text{cm}^{-1}$  ( $50\mu\text{m}$  slit), this product is ideal for Raman transmission spectrometer, transmission imaging spectrometer, and other applications that require high-resolution transmission imaging.

# Technical Features



## Research-grade Raman spectroscopy detection system

532 Confocal Raman microscopy



## Integration of industrial Raman system

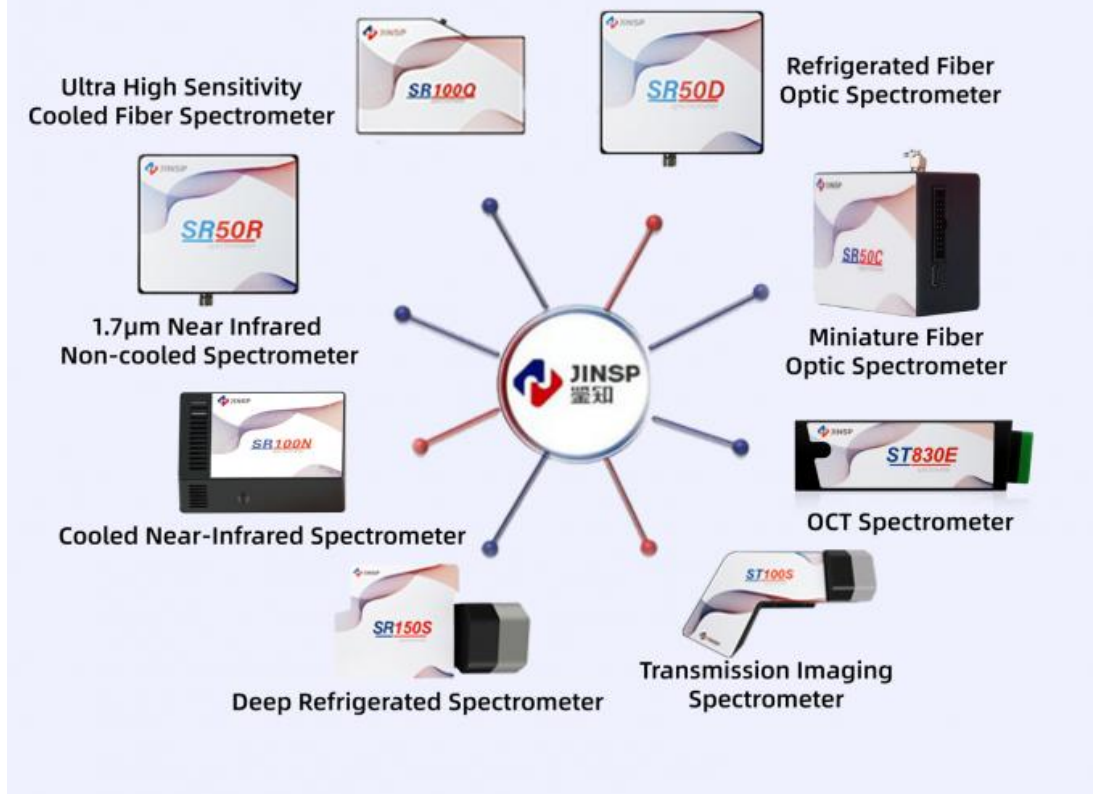
Capable of online gas detection and process analysis

### Technical Parameters:

Product Name	High-Throughput Transmission Raman Spectrometer for Quick Data Collection
Product Category	Fiber Optic Spectrometers
Optical Resolution	$0.25\text{nm}$ , Corresponds To $8\text{cm}^{-1}$ ( $50\mu\text{m}$ Slit)
Grating Type	VPH Volume Holographic Transmission Grating
Fiber Interface	SMA905 Or $\Phi 10\text{mm}$ Multi-core Optical Fiber
Integration of Industrial Raman System	Capable of online gas detection and process analysis
Research-grade Raman Spectroscopy Detection System	532 Confocal Raman Microscopy
Diffraction Efficiency	$>85\%$
Keywords	Ultimate sensitivity Spectrometer, 532 Confocal Raman Microscopy, Raman Transmission Spectrometer

### Spectrometer Series

# 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



## Packing and Shipping:

Product Packaging:

The High-Throughput Transmission Fiber Spectrometer comes in a sturdy cardboard box.

The spectrometer is securely packed with foam inserts to protect it during transit.

The box also includes a power cord and a user manual.



# Package



Packaging Box



ST90S



Internal Packaging

## FAQ:

Q: What is the brand name of the high-throughput transmission fiber spectrometer?

A: The brand name of the spectrometer is JINSP.

Q: What is the model number of the JINSP spectrometer?

A: The model number of the JINSP spectrometer is ST90S.

Q: Where is the JINSP spectrometer manufactured?

A: The JINSP spectrometer is manufactured in China.

Q: What is the minimum order quantity for the JINSP spectrometer?

A: The minimum order quantity for the JINSP spectrometer is 1 pc.

Q: What is the price of the JINSP spectrometer?

A: The price of the JINSP spectrometer is negotiable.

Q: What are the payment terms for the JINSP spectrometer?

A: The payment terms for the JINSP spectrometer are T/T and Western Union.

Q: What is the supply ability of the JINSP spectrometer?

A: The supply ability of the JINSP spectrometer is 80 PCS/70-90 days.

Q: What is the delivery time for the JINSP spectrometer?

A: The delivery time for the JINSP spectrometer is 40-70 working days.



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