

540nm-686nm Wavelength Fiber Optic Spectrometer Ultra High Resolution

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

- Research-grade Ramanspectroscopy Detection System: 532 Confocal Raman Microscopy
- Product Name: High-Throughput Transmission Raman Spectrometer For Quick Data Collection
- Dimensions: 348.7mm×222.8mm ×126mm
- Weight: <6kg (including Camera)
- Diffraction Efficiency: >85%
- Numerical Aperture: 0.25
- Highlight: 540nm fiber optic spectrometer,
686nm fiber optic spectrometer,
540nm optical fiber spectrometer

Product Description

540nm-686nm Wavelength Range Ultra-high resolution Spectrometer

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

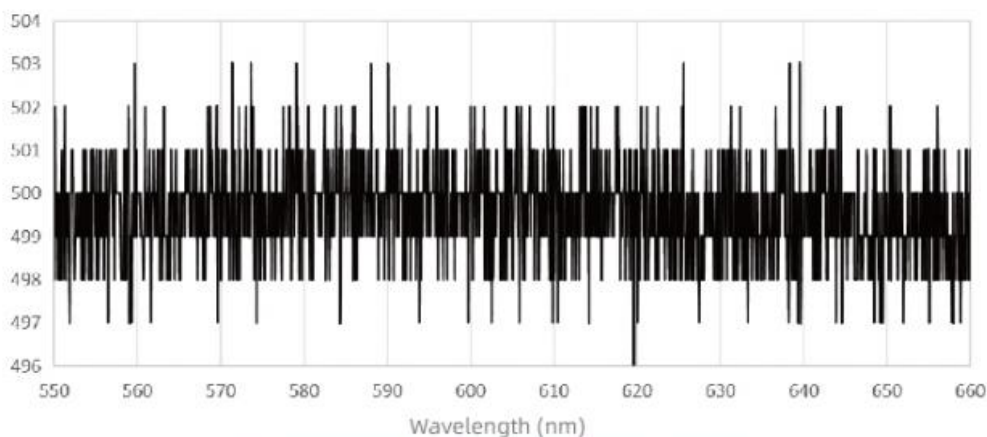
High Flux High flux, numerical aperture is 0.25

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

Technical Characteristics

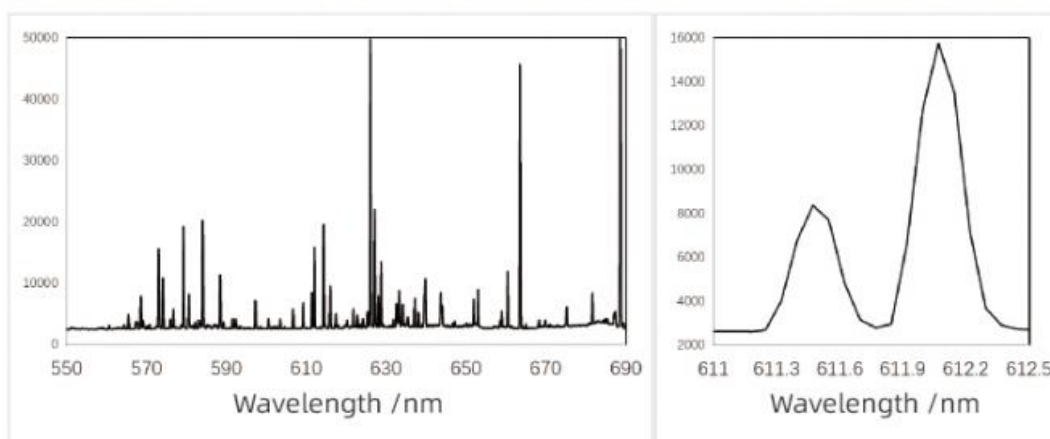
High Compatibility

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



Zero-aberration

Zero aberration design, diffraction-limited resolution



Features:

Product Name: High-Throughput Transmission Raman Spectrometer for Quick Data Collection

Fiber Interface: SMA905 Or $\Phi 10\text{mm}$ Multi-core Optical Fiber

Weight: <6kg (including Camera)

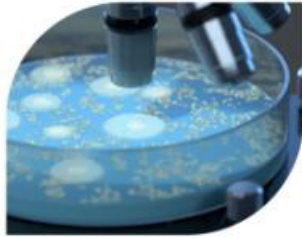
Wavelength Range: 540nm~686nm Corresponds To 260~4200 cm^{-1}

Research-grade Ramanspectroscopy detection system: 532 Confocal Raman Microscopy

Ultra-high resolution Spectrometer

Ultimate sensitivity Spectrometer

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:

Technical Parameters	Description
Numerical Aperture	0.25
Optical Resolution	0.25nm, Corresponds To 8cm-1(50μm Slit)
Applications	Research-grade Raman spectroscopy detection system, 532nm Confocal Raman microscopy, Integration of industrial Raman system, Chemical Industry Online Biopharmaceuticals
Weight	<6kg (including Camera)
Dimensions	348.7mm×222.8mm ×126mm
Diffraction Efficiency	>85%

Transmission Imaging Spectrometer, high-quality deep-cooling CCD spectrometer, 532 Confocal Raman microscopy

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:

High-Throughput Transmission Fiber Spectrometer
Power cord
USB cable
User manual

Package



Packaging Box



ST90S



Internal Packaging

Certifications



FAQ:

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 made?

A3: This product is made in China.

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

A4: The minimum order quantity for this product is 1.

Q5: Is the price of this product negotiable?

A5: Yes, the price of this product is negotiable.

Q6: What are the payment terms for this product?

A6: The payment terms for this product are T/T and Western Union.



JINSP Company Ltd.



8618620854039



phoebeyu@jinsptech.com



spectralanalyser.com

21st Floor, Building D, Tsinghua Tongfang Science and Technology Plaza, Haidian District, Beijing China