Scientific 532nm Raman Spectrometer Module High Diffraction Efficiency

Our Product Introduction

Basic Information

- Place of Origin: CHINA
- Brand Name: JINSP
- Certification: CE ISO9001
- Model Number: ST90S4
- 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: 532nm~680nm (260~4200cm-1)
- Optical Resolution: 0.14nm(5cm-1)~~25μm 0.25nm(8cm-1)~~50μm
- Detector: Raptor 261BI
- Cooling Temperature: -70
- Highlight: **532nm Raman Spectrometer Module**, **Scientific Raman Spectrometer Module**, **High Diffraction Efficiency fiber spectrometer**

More Images

Our Product Introduction

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Product Description

Numerical Aperture 0.25 Scientific 532nm Raman Spectrometer Module

Product Description:

For those who are new to spectrometers, rest assured that this High Throughput Transmission Spectrometer is easy to operate. We will send you a manual and guide video in English, which can teach you how to operate the spectrometer. Additionally, our technicians will offer professional technical operation meetings to ensure that you are using the product to its full potential.

For those who want to receive the best price in the shortest time, simply send us an inquiry with details such as wavelength, detector, effective pixels, and focal length, and we will send you a quotation with details soon to your email.

If the spectrometer has a problem in your place, don't worry. The spectrometer has a one-year warranty. If it breaks down, our technician will figure out what the problem may be, according to the client's feedback. If you need operation training, your technicians can come to our factory, or Jinsp engineers can go to your place for local support (installation, training, debugging, maintenance).

Overall, this High-Throughput Transmission Fiber Spectrometer is a top-of-the-line product in the Fiber Optic Spectrometers category. Its modular design makes it perfect for 532nm Raman systems, and its ultra-high sensitivity and integration time make it a valuable tool in the Chemical Industry Online Biopharmaceuticals field.

Features:

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

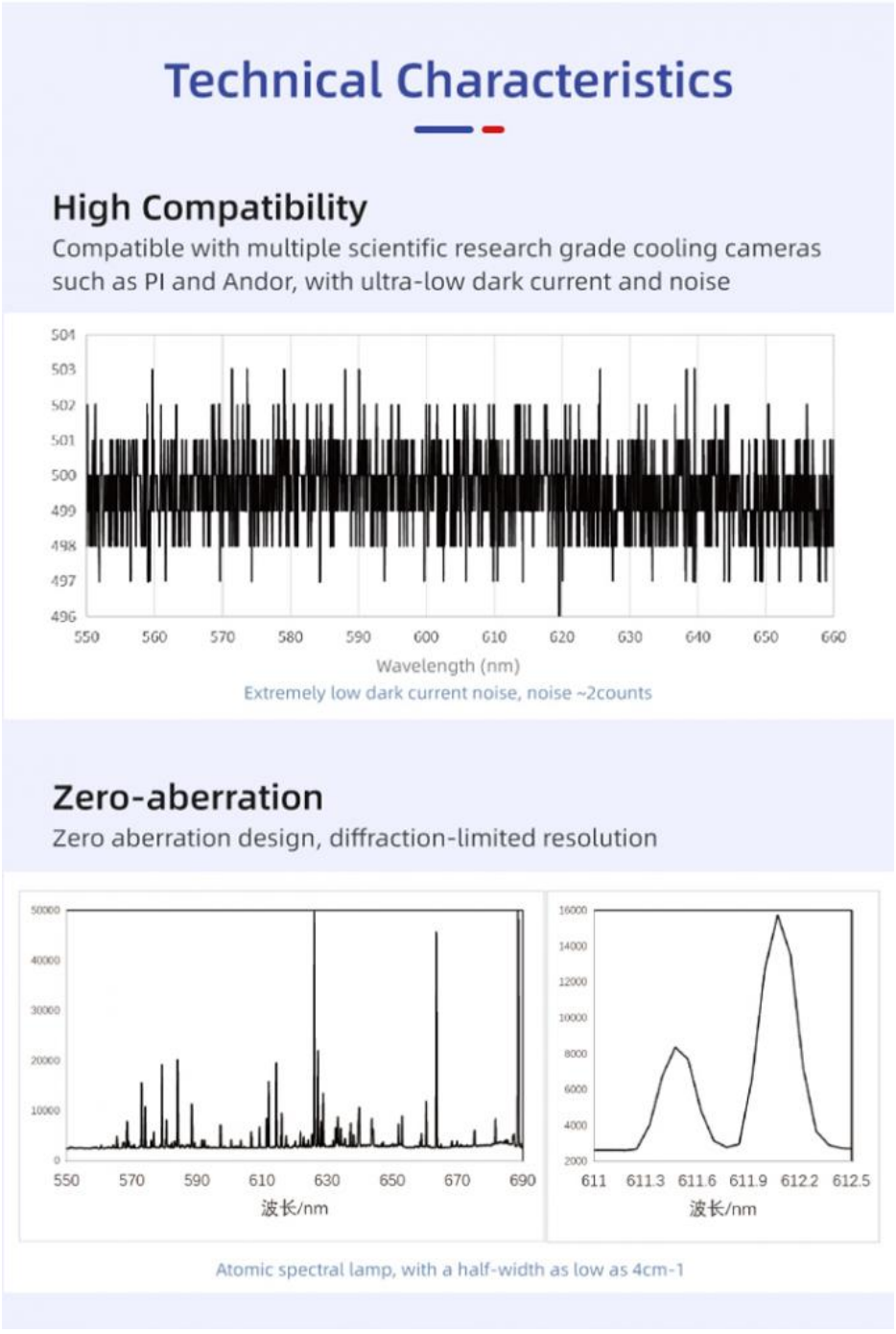
High Flux - High flux, the numerical aperture is 0.25

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

Support Multiple Channels - Compatible with SMA905 optical fiber and Φ10mm multi-core optical fiber input interface

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

Keywords: High Throughput Transmission Spectrometer, Scientific 532nm Raman Spectrometer Module, Scientific 532nm Raman Spectrometer Module



Technical Characteristics

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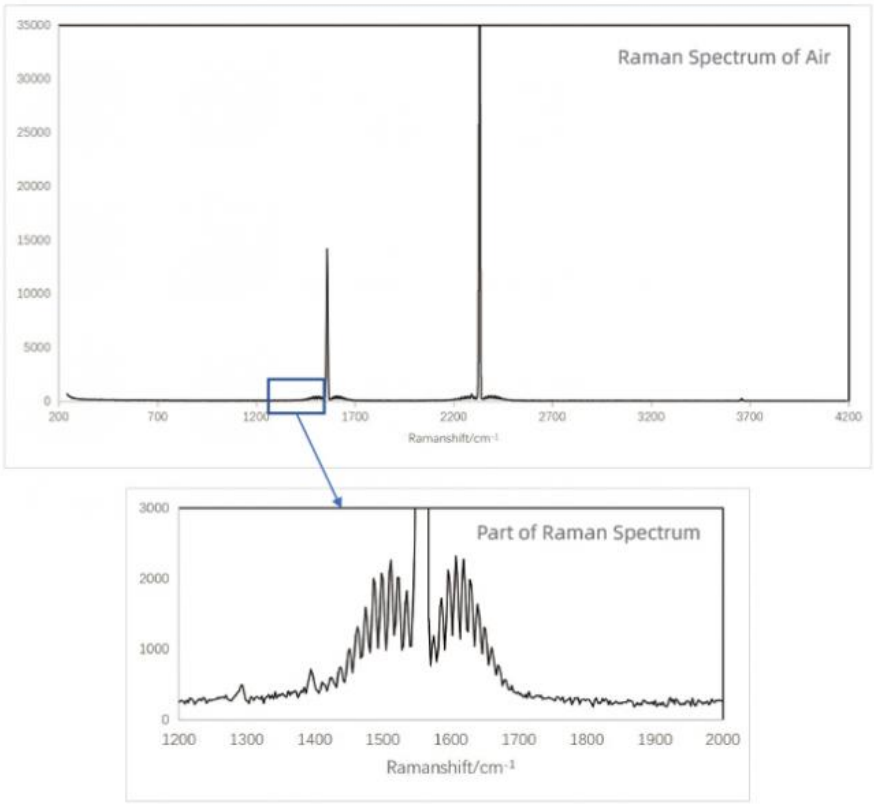

Technical Parameters:

Parameter	Specification
Numerical Aperture	0.25
Grating Type	VPH Volume Holographic Transmission Grating
Integration of industrial Raman system	Capable of online gas detection and process analysis
Research-grade Raman spectroscopy detection system	532 Confocal Raman microscopy
Optical Resolution	0.25nm, Corresponds To 8cm-1(50μm Slit)
Product Category	Fiber Optic Spectrometers

Applications:

The High-Throughput Transmission Fiber Spectrometer from JINSP (Model Number: ST90S) is a high-performance modular spectrometer designed for use in various scientific and industrial applications. With its integration time of 1ms-3600s, it is capable of online gas detection and process analysis, making it highly compatible with multiple scientific research-grade cooling cameras such as PI and Andor. The product is designed with zero aberration, diffraction-limited resolution, and requires no adjustable components, making it highly stable and applicable to labs and industries.

The High-Throughput Transmission Fiber Spectrometer is highly versatile and supports multiple channels. It is compatible with SMA905 optical fiber and Φ10mm multi-core optical fiber input interface, making it easy to operate. For first-time users, the company provides manuals and guide videos in English, and technicians offer professional technical operation meetings. The company also offers operation training to customers who require it.

Overall, the High-Throughput Transmission Fiber Spectrometer is an ideal product for customers who require a high-performance modular spectrometer for use in various scientific and industrial applications. It is a highly compatible product that is easy to operate and comes with a one-year warranty, making it a reliable and cost-effective choice.

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, the numerical aperture is 0.25

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

Support Multiple Channels: Compatible with SMA905 optical fiber and Φ10mm multi-core optical fiber input interface

Support and Services:

Our team of expert technicians and engineers, who are available to provide technical support and services to ensure the optimal performance of your device, supports the high-throughput transmission fiber spectrometer product. Our services include:

Device installation and setup assistance

Device calibration and maintenance

Software updates and troubleshooting

Training and educational resources

Customized solutions and consulting services

Our team is dedicated to providing prompt and effective support to meet all your technical needs and ensure your satisfaction with our product.

Packing and Shipping:

Product Packaging:
The High-Throughput Transmission Fiber Spectrometer comes in a sturdy cardboard box with foam inserts to ensure safe transport. The spectrometer is securely wrapped in bubble wrap to prevent any damage during shipping.

Shipping:
We offer free shipping for the High-Throughput Transmission Fiber Spectrometer to any location in the United States. For international shipping, don't hesitate to get in touch with us for a quote. We use a reliable courier service to ensure that your spectrometer arrives in a timely and safe manner. Once your order has been processed, you will receive a tracking number to track your shipment.

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: Is this product certified?
A3: Yes, this product is CE-certified.
Q4: What is the minimum order quantity for this product?
A4: The minimum order quantity for this product is 1.
Q5: What payment terms are accepted for this product?
A5: The accepted payment term for this product is T/T.

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