Deep cooling 532nm Raman Spectrometer Module for Chemical Industry Online Biopharmaceuticals

Our Product Introduction

Basic Information

- Place of Origin: CHINA
- Brand Name: JINSP
- Certification: CE ISO9001
- Model Number: ST90S1
- 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/40-70 working days

Product Specification

- Wavelength Range: 532nm~680nm (260~4200cm-1)
- Optical Resolution: 0.14nm(5cm-1)~~25μm 0.25nm(8cm-1)~~50μm
- Effective Pixel: 2000*256
- Pixel Size μm: 15*15
- Detector: Andor Ivac 316
- Cooling Temperature: -70
- Highlight: **532nm Raman Spectrometer Module**, **Chemical Industry Raman Spectrometer Module** , **Online Biopharmaceuticals Raman Spectrometer Module**

Product Description

Product Description:

With a weight of less than 6kg (including a Camera), this product is highly portable and easy to use. It has a high flux, numerical aperture of 0.25, and high diffraction efficiency VPH grating, with diffraction efficiency up to 90%. It also supports multiple channels, making it compatible with SMA905 optical fiber and Φ10mm multi-core optical fiber input interface.

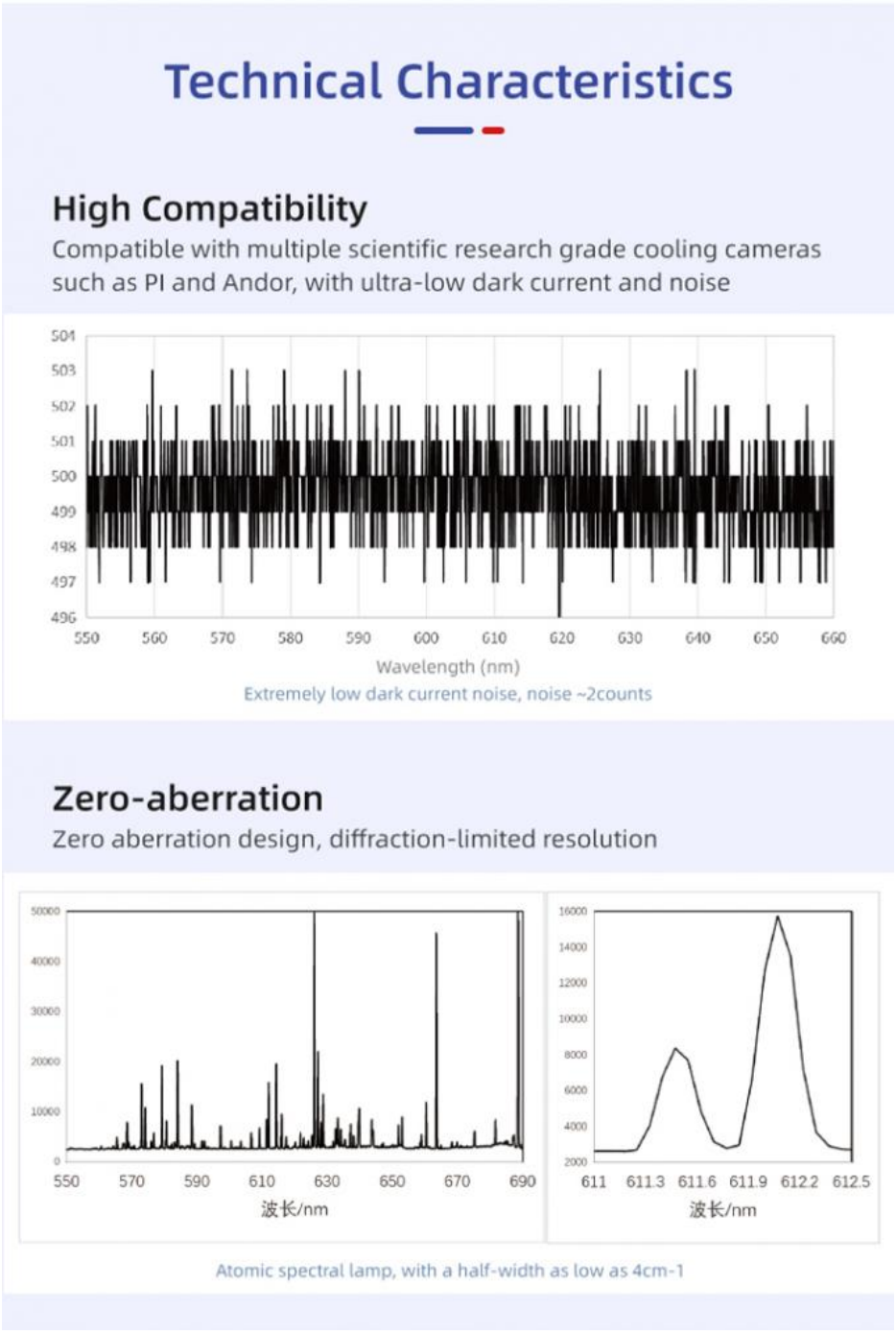
The integration time ranges from 1ms-3600s, providing a wide range of options for different applications. This product is perfect for research-grade Raman spectroscopy detection systems, 532nm Confocal Raman microscopy, integration of industrial Raman system, the Chemical Industry Online, and Biopharmaceuticals.

The High Throughput Transmission Fiber Spectrometer is a highly reliable and efficient product that provides an accurate and precise measurement of the sample. With its numerical aperture of 0.25, it provides a high-resolution measurement that is perfect for all your scientific needs. With its ultra-low noise and dark current, you can be sure of getting an accurate and reliable measurement.

This product is a Scientific 532nm Raman Spectrometer Module that is perfect for those who require high-quality and accurate measurement. It is easy to use, highly reliable and provides an accurate measurement of the sample. Whether you are in a lab or an industry, this product is perfect for all your scientific needs.

Features:

Product Name: High-Throughput Transmission Raman Spectrometer for Quick Data Collection
Product Category: Fiber Optic Spectrometers
Fiber Interface: SMA905 Or Φ10mm Multi-core Optical Fiber
Weight: less than 6kg (including Camera)
Grating Type: VPH Volume Holographic Transmission Grating
Ultra High Sensitivity Transmission Spectrometer
Modular Spectrometer for 532nm Raman System



Technical Parameters:

Product Name:	High-Throughput Transmission Raman Spectrometer for Quick Data Collection
Product Category:	Fiber Optic Spectrometers
Dimensions:	348.7mm×222.8mm ×126mm
Optical Resolution:	0.25nm, Corresponds To 8cm-1(50μm Slit)
Grating Type:	VPH Volume Holographic Transmission Grating
Integration of Industrial Raman System:	Capable of online gas detection and process analysis
Numerical Aperture:	0.25
Diffraction Efficiency:	>85%

Technical Characteristics

Highly Stable

No adjustable components, applicable to labs and industries

High Flux

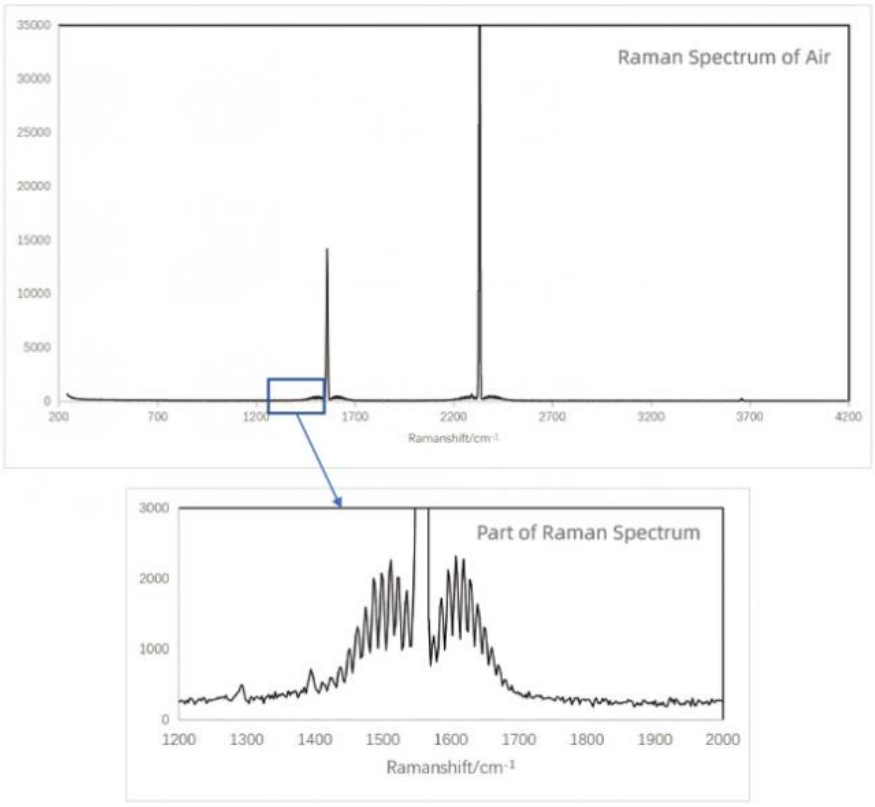
High flux, numerical aperture is 0.25

High Diffraction Efficiency

VPH grating, diffraction efficiency up to 90%

Support Multiple Channels

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



Applications:

The JINSP ST90S High-Throughput Transmission Fiber Spectrometer is a modular spectrometer for 532nm Raman system. With an optical resolution of 0.25nm, corresponding to 8cm-1 (50μm slit), it is a scientific 532nm Raman spectrometer module that is perfect for quick data collection.

With a numerical aperture of 0.25 and a diffraction efficiency of over 85%, this spectrometer is highly efficient and accurate. It is made in China and comes with no certification requirement. The minimum order quantity is 1 and the price is negotiable.

If you are new to using the spectrometer, the JINSP team will provide you with a manual and guide video in English to teach you how to operate the spectrometer. Also, their technicians will offer professional technical operation meetings to ensure that you get the most out of your product.

If you require operation training, your technicians can come to the JINSP factory for training. Alternatively, JINSP engineers can go to your place for local support, including installation, training, debugging, and maintenance.
To receive the best price in the shortest time, send JINSP an inquiry with details such as wavelength, detector, effective pixels, focal length, and more. They will send you a quotation with details soon to your email.

If your spectrometer has a problem in your place, JINSP offers a one-year warranty. If it breaks down, their technician will figure out what the problem is according to your feedback. They can repair it for free within the one-year warranty period.

The accepted payment method for the JINSP ST90S High-Throughput Transmission Fiber Spectrometer is TT. Invest in this scientific 532nm Raman spectrometer module for accurate and efficient data collection.

Support and Services:

The product includes a fiber-optic probe which allows for easy sample measurement and analysis, as well as a high-quality detector for precise data acquisition.

Our technical support team is available to assist with any issues or questions regarding the product's operation or maintenance. We also offer services such as calibration and repair to ensure the continued accuracy and functionality of the device.

For more information on our High-Throughput Transmission Fiber Spectrometer product and its technical support and services, please contact us.

Packing and Shipping:

Product Packaging:
The High-Throughput Transmission Fiber Spectrometer will be packaged securely in a foam-lined box.
All necessary accessories and manuals will be included in the box.
The box will be labeled with the product name and a description of its contents.

Shipping:
The product will be shipped via a reliable carrier.
Customers can choose from various shipping options at checkout.
A tracking number will be provided once the product has been shipped.
The estimated delivery time will be provided at the time of checkout based on the customer's location and the shipping method selected.

FAQ:

Frequently Asked Questions:
Q: What is the brand name of this product?
A: The brand name of this product is JINSP.
Q: What is the model number of this product?
A: The model number of this product is ST90S.
Q: Is this product certified?
A: Yes, this product is CE-certified.
Q: What is the minimum order quantity for this product?
A: The minimum order quantity for this product is 1.
Q: What are the payment terms for this product?
A: The payment term for this product is T/T.
Q: What is the supply ability of this product?
A: The supply ability of this product is 80 PCS/40-70 working days.
Q: What is the delivery time for this product?
A: The delivery time for this product is 40-70 working days.
Q: What are the packaging details for this product?
A: The packaging details for this product are customized packaging.
Q: Is the price of this product negotiable?
A: Yes, the price of this product is negotiable.

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