

## Near IR Fiber Optic Spectrometer 900-1700nm Wavelength Range For Control

Our Product Introduction

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### Basic Information

- Place of Origin: CHINA
- Brand Name: JINSP
- Certification: CE
- Model Number: SR50R
- Minimum Order Quantity: 1
- Price: Negotiable
- Packaging Details: Customized Packaging
- Delivery Time: 30-50working days
- Payment Terms: T/T, Western Union
- Supply Ability: 100 PCS/70-90 days



### Product Specification

- Support And Services: Expert Technical Assistance And Troubleshooting, Comprehensive Product Documentation And User Manuals, Software Updates And Upgrades, Customization Options To Fit Specific Application Needs
- Type: Linear Array InGaAs
- Data Output Interface: USB2.0, UART
- Sensitive Area: 6.4mm\*0.25mm
- Wavelength Range: 900-1700nm
- Technical Parameters: Product Name: Near Infrared Non-cooled Spectrometer, Wavelength Range: 900-1700nm, Chip Type: Linear Array InGaAs, Entrance Slit Width: 5μm, 10μm, 25μm, 50μm (customizable), Incident Light Interface: SMA905, Free Space, Integration Time: 1ms-5s, Operating

## Product Description

Raman Spectrometer 900-1700nm Wavelength Range for Control

### Product Description:

The Near Infrared Non-cooled Spectrometer is compatible with USB or UART interface to output measured spectrum data. The SMA905 fiber input allows for obtaining free space optical measurements. The cell size is 50 $\mu$ m\*250 $\mu$ m, making it ideal for moisture content measurement, waste water testing, detection of substances such as fat, oil, protein, fiber, grain and fodder quality testing, and measurement of pharmaceutical mixture components.

The data output interface of the non-cooled InGaAs sensor is both USB2.0 and UART, making it easy to integrate into existing systems. With its high resolution and low cost, this near-infrared spectrometer is an ideal solution for a wide range of industrial applications.

# 1.7 $\mu$ m Near Infrared Non-cooled Spectrometer

High resolution, Compact size, Cost effective

# SR50R



### Features:

Product Name: Near-infrared Fiber Spectrometer

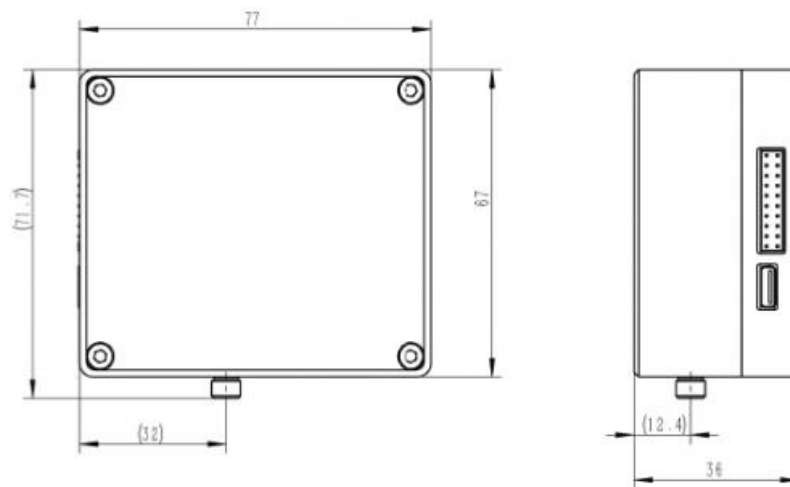
Wavelength Range: 900-1700nm

Type: Linear Array InGaAs

Data Output Interface: USB2.0, UART

# Technical Characteristics

- ✓ Compact and low cost High resolution
- ✓ Receive SMA905 fiber input to obtain free space optical
- ✓ Compatible with USB or UART interface to output measured spectrum data
- ✓ Lens surface is plated with gold film, high efficiency of near-infrared reflection



Installation dimension drawing

## Technical Parameters:

Product Name:	High-Performance Near-infrared Fiber Spectrometer for Industrial Applications
Type:	Linear Array InGaAs
Wavelength Range:	900-1700nm
Integration Time:	1ms-5s
Effective Pixels:	128 (256 Optional)
Cell Size:	50μm*250μm
Entrance Slit:	10μm, 25μm And 50μm

## Applications:

The JINSP SR50R17 has a non-cooled InGaAs sensor with high sensitivity and resolution. It is compatible with USB or UART interface to

output measured spectrum data. The device is equipped with a SMA905 fiber input to obtain free space optical and its lens surface is plated with gold film, ensuring high efficiency of near-infrared reflection. The JINSP SR50R Near-Infrared Non-cooled Spectrometer can be used for a variety of applications such as moisture content measurement, wastewater testing, and detection of substances such as fat, oil, protein, and fiber. The device is also suitable for grain and fodder quality testing as well as the measurement of pharmaceutical mixture components. The JINSP SR50R Near-Infrared Non-cooled Spectrometer belongs to the Fiber Optic Spectrometers category. The data output interface of the device includes USB2.0 and UART.

## Typical Applications



*Moisture content measurement,  
wastewater testing*

*Detection of substances such  
as fat, oil, protein, fiber, etc.*



*Grain and fodder quality testing*

*Measurement of pharmaceutical  
mixture components*



### Support and Services:

Our Near-infrared Fiber Spectrometer product comes with a range of technical support and services to ensure optimal performance and reliability. These include:

Assistance with installation and configuration

Training on how to use and operate the device

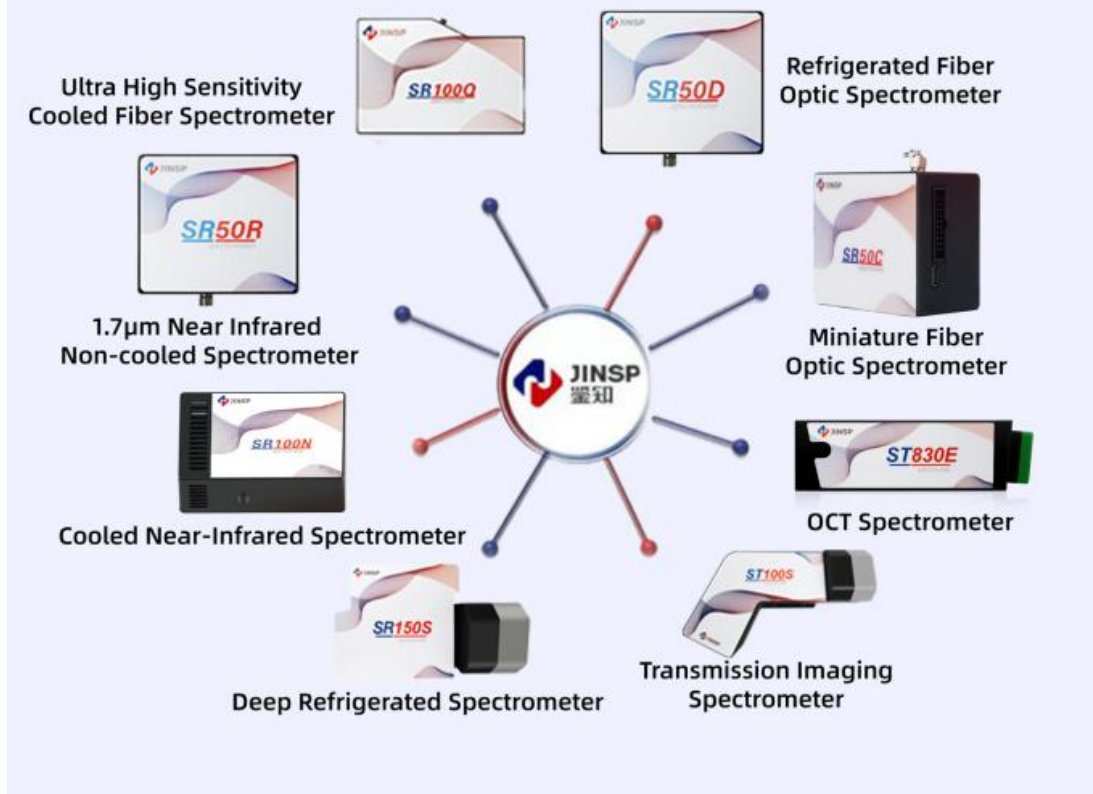
Remote technical support for diagnosing and troubleshooting issues

Repair and maintenance services to keep the device in good working condition

Upgrades and updates to ensure compatibility with the latest technologies

Our team of experienced engineers and technicians are dedicated to providing timely and effective support to our customers.

# Spectrometer Series



## Company Profile and Exhibition:

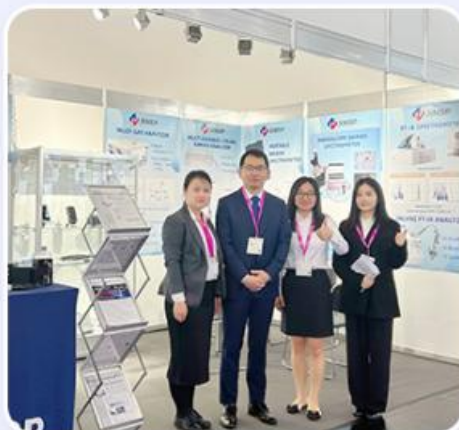
JINSP Company Limited originates from Tsinghua University and has 17 years of experience in developing spectroscopic technology. As a leading supplier of spectroscopic technology, JINSP Technology offers over twenty spectroscopic products across various fields, including pharmaceutical and chemical industries, 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



# Exhibition



## FAQ:

**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 SR50R.

**Q: Is this product certified?**

A: Yes, this product is CE certified.

**Q: Where is this product manufactured?**

A: This product is made in China.

**Q: What is the minimum order quantity for this product?**

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

**Q: Is the price of this product negotiable?**

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

**Q: What are the payment terms for this product?**

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

**Q: What is the supply ability of this product?**

A: The supply ability of this product is 100 PCS/70-90 days.

**Q: What is the delivery time for this product?**

A: The delivery time for this product is 30-50 working days.

**Q: How is this product packaged?**

A: This product is packaged using customized packaging.



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