

## High Performance Near Infrared Fiber Spectrometer For Waste Water Testing

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

- Effective Pixels: 128 (256 Optional)
- FAQ: Q1:This Is The First Time I Use,is It Easy To Operate?, A1:We Will Send You Manual And Guide Vedio In English,it Can Teach You How To Operate The Spectrometer. Also Our Technicians Will Offer Professional Tecnical Opearation Meetings. Q2:Can You Offer A Op
- 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 Fie
- Sensitive Area: 6.4mm\*0.25mm

## Product Description

### Near-infrared Fiber Spectrometer for Waste Water Testing

#### Product Description:

The Near Infrared Non-cooled Spectrometer has a sensitive area of 6.4mm\*0.25mm, and it comes with an entrance slit width of 5μm, 10μm, 25μm, and 50μm, which can be customized according to your needs. The product has an effective pixel count of 128, which can be upgraded to 256. The cell size of the spectrometer is 50μm\*250μm.

The Near-infrared Fiber Spectrometer comes with a USB2.0 and UART data output interface, making it easy to transfer data to your computer or other devices. The product is equipped with an SMA905 incident light interface and a free space integration time of 1ms-5s. The Near-infrared Fiber Spectrometer is designed to be used in environments with humidity levels of less than 90% RH (no condensation). The product has dimensions of 77mm\*67mm\*36mm and weighs 0.4KG, making it portable and easy to use. The Near-infrared Fiber Spectrometer is an excellent product for the measurement of pharmaceutical mixture components. It is a non-cooled spectrometer that provides accurate and sensitive results. Its technical parameters make it an ideal product for a wide range of applications.

## 1.7μm Near Infrared Non-cooled Spectrometer

High resolution, Compact size, Cost effective

# SR50R



#### Features:

Product Name: Near-infrared Fiber Spectrometer

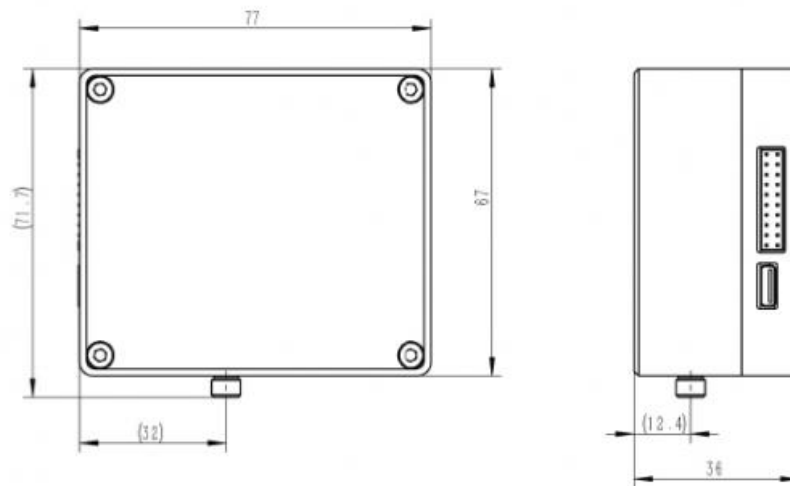
Type: Linear Array InGaAs

Wavelength Range: 900-1700nm

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.  
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:

Technical Parameters	Description
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 Humidity	<90%RH (no condensation)
Dimensions	77mm*67mm*36mm
Weight	0.4KG
Effective Pixels	128 (256 Optional)
Cell Size	50μm*250μm
Applications	Moisture content measurement, waste water testing, Detection of substances such as fat, oil, protein, fiber etc., Grain and fodder quality testing, Measurement of pharmaceutical mixture components
Sensitive Area	6.4mm*0.25mm

### Applications:

The JINSP SR50R is a high-performance near-infrared fiber spectrometer designed for industrial applications. With 128 effective pixels (256 optional), this non-cooled spectrometer is ideal for moisture content measurement, waste water testing, detection of substances such as fat, oil, protein, fiber, etc., grain and fodder quality testing, and measurement of pharmaceutical mixture components. As a CE certified product made in China, the JINSP SR50R has a minimum order quantity of 1 and a negotiable price. Payment terms include T/T and Western Union, and the supply ability is 100 PCS/70-90 days with a delivery time of 30-50 working days. Customized packaging is also available.

# Typical Applications

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*Moisture content measurement,  
wastewater testing*

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

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*Grain and fodder quality testing*

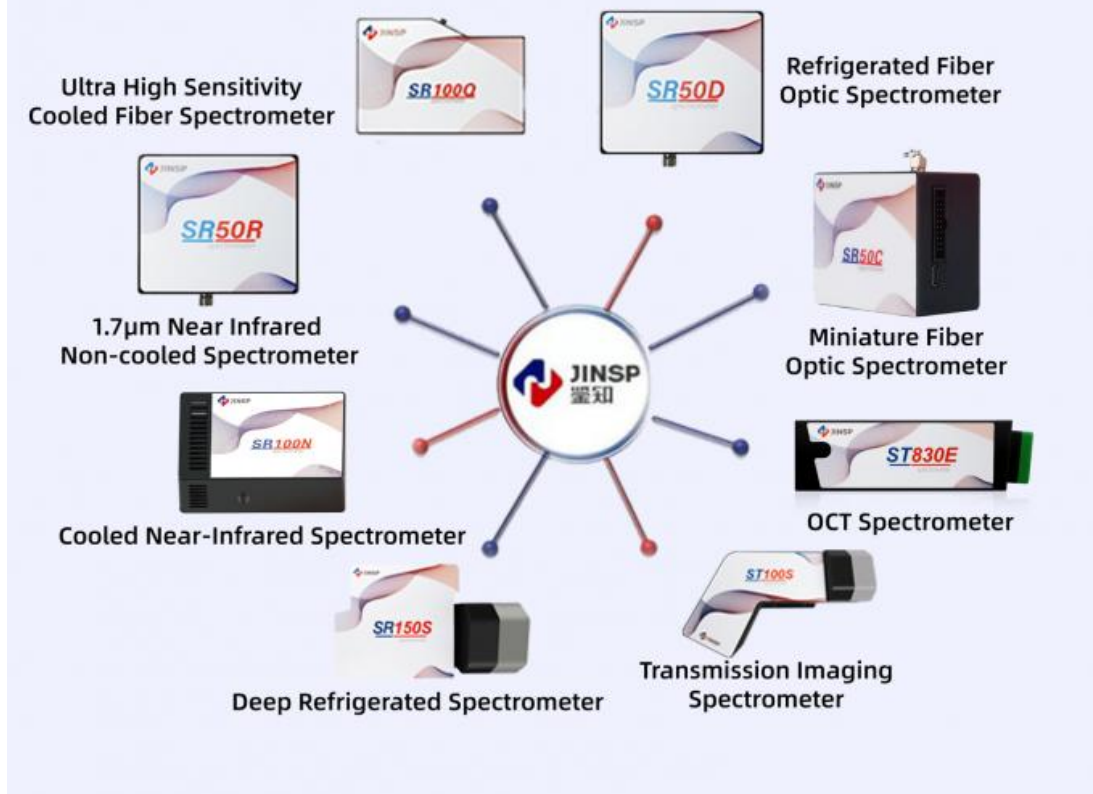
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*Measurement of pharmaceutical  
mixture components*

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# Spectrometer Series



## Support and Services:

Our Near-infrared Fiber Spectrometer product comes with comprehensive technical support and services to ensure optimal performance and customer satisfaction. Our team of experienced technicians is available to answer any questions you may have regarding the installation, operation, and maintenance of the product.

We also offer calibration services to ensure accuracy and precision in your measurements. Our team can assist you in selecting the appropriate calibration standards and performing the necessary calibration procedures to meet your specific requirements.

In addition, we provide repair and replacement services for any parts or components that may become damaged or faulty over time. Our technicians are trained to diagnose and resolve any issues quickly and efficiently to minimize downtime and ensure continued productivity.

Overall, we are committed to providing excellent technical support and services to ensure the highest level of performance and reliability for our Near-infrared Fiber Spectrometer product.



# Company Profile



## Packing and Shipping:

Product Packaging:

- 1 Near-infrared Fiber Spectrometer
- 1 USB cable
- 1 User manual

## FAQ:

**Q: What is the brand name of the Near-infrared Fiber Spectrometer?**

A: The brand name of the Near-infrared Fiber Spectrometer is JINSP.

**Q: What is the model number of the Near-infrared Fiber Spectrometer?**

A: The model number of the Near-infrared Fiber Spectrometer is SR50R.

**Q: Is the Near-infrared Fiber Spectrometer certified?**

A: Yes, the Near-infrared Fiber Spectrometer is CE certified.

**Q: Where is the Near-infrared Fiber Spectrometer manufactured?**

A: The Near-infrared Fiber Spectrometer is manufactured in China.

**Q: What is the minimum order quantity for the Near-infrared Fiber Spectrometer?**

A: The minimum order quantity for the Near-infrared Fiber Spectrometer is 1.

**Q: What is the price of the Near-infrared Fiber Spectrometer?**

A: The price of the Near-infrared Fiber Spectrometer is negotiable.

**Q: What are the payment terms for purchasing the Near-infrared Fiber Spectrometer?**

A: The payment terms for purchasing the Near-infrared Fiber Spectrometer are T/T and Western Union.

**Q: What is the supply ability of the Near-infrared Fiber Spectrometer?**

A: The supply ability of the Near-infrared Fiber Spectrometer is 100 PCS/70-90 days.

**Q: What is the delivery time for the Near-infrared Fiber Spectrometer?**

A: The delivery time for the Near-infrared Fiber Spectrometer is 30-50 working days.

**Q: How is the Near-infrared Fiber Spectrometer packaged?**

A: The Near-infrared Fiber Spectrometer is packaged with customized packaging.



JINSP

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