

Non Cooled Near Infrared Spectrometer For Environmental Monitoring

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

- Features: Compact And Low Cost, High Resolution, Compatible With USB Or UART Interface To Output Measured Spectrum Data, Receive SMA905 Fiber Input To Obtain Free Space Optical, Lens Surface Is Plated With Gold Film, High Efficiency Of Near-infrared Reflection
- 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
- Cell Size: 50µm*250µm
- Support And Services: Expert Technical Assistance And

Product Description

Near Infrared Non-cooled Spectrometer for Environmental Monitoring

Product Description:

This spectrometer has high resolution capabilities and is compatible with both USB and UART interfaces, allowing for easy output of measured spectrum data. It also has an entrance slit that comes in three different sizes (10 μ m, 25 μ m, and 50 μ m), giving users the flexibility to choose the optimal slit for their specific application.

The Near-infrared Fiber Spectrometer is designed to receive SMA905 fiber input to obtain free space optical measurements. Its lens surface is plated with a gold film, ensuring high efficiency of near-infrared reflection. With these features, this spectrometer is ideal for the measurement of pharmaceutical mixture components and can also be used as a Raman spectrometer.

1.7 μ m Near Infrared Non-cooled Spectrometer

High resolution, Compact size, Cost effective

SR50R



Features:

Product Name: High-Performance Near-infrared Fiber Spectrometer for Industrial Applications

Features:

Compact and low cost

High resolution

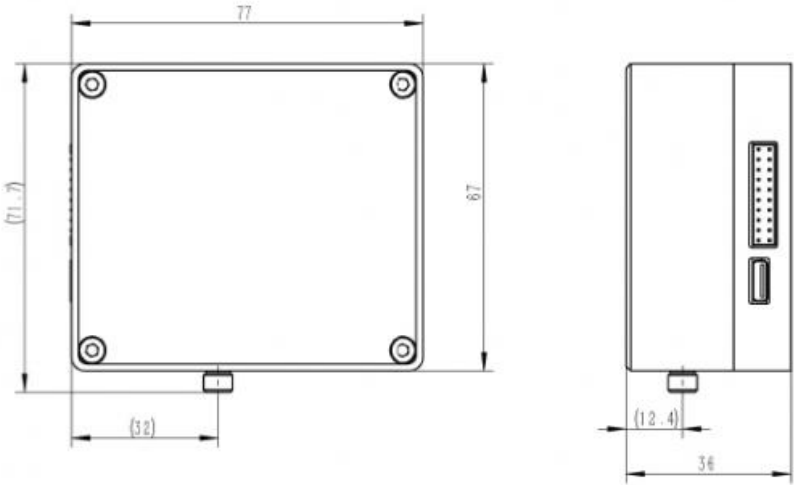
Compatible with USB Or UART interface to output measured spectrum data

Receive SMA905 fiber input to obtain free space optical

Lens surface is plated with gold film, high efficiency of near-infrared reflection
Cell Size: 50μm*250μm
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
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)
Data Output Interface	USB2.0, UART
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
Products Details	The JINSP SR50R17 is a compact, cost-effective 900nm~1700nm near-infrared spectrometer, using a non-cooled InGaAs sensor with high sensitivity and resolution. 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	Expert technical assistance and troubleshooting, Comprehensive product documentation and user manuals, Software updates and upgrades, Customization options to fit specific application needs

Applications:

The JINSP SR50R Near-infrared Fiber Spectrometer is a Fiber Optic Spectrometer that offers an integration time of 1ms-5s and has 128 effective pixels (256 optional), making it efficient and accurate. This product is a near-infrared non-cooled spectrometer, which makes it ideal for moisture content measurement, waste water testing, and detection of substances such as fat, oil, protein, and fiber.

The JINSP SR50R Near-infrared Fiber Spectrometer can also be used for grain and fodder quality testing as well as measurement of pharmaceutical mixture components. This product is customizable to fit specific application needs and comes with expert technical assistance and troubleshooting, comprehensive product documentation and user manuals, software updates and upgrades, and customization options.

Typical Applications



*Moisture content measurement,
wastewater testing*

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

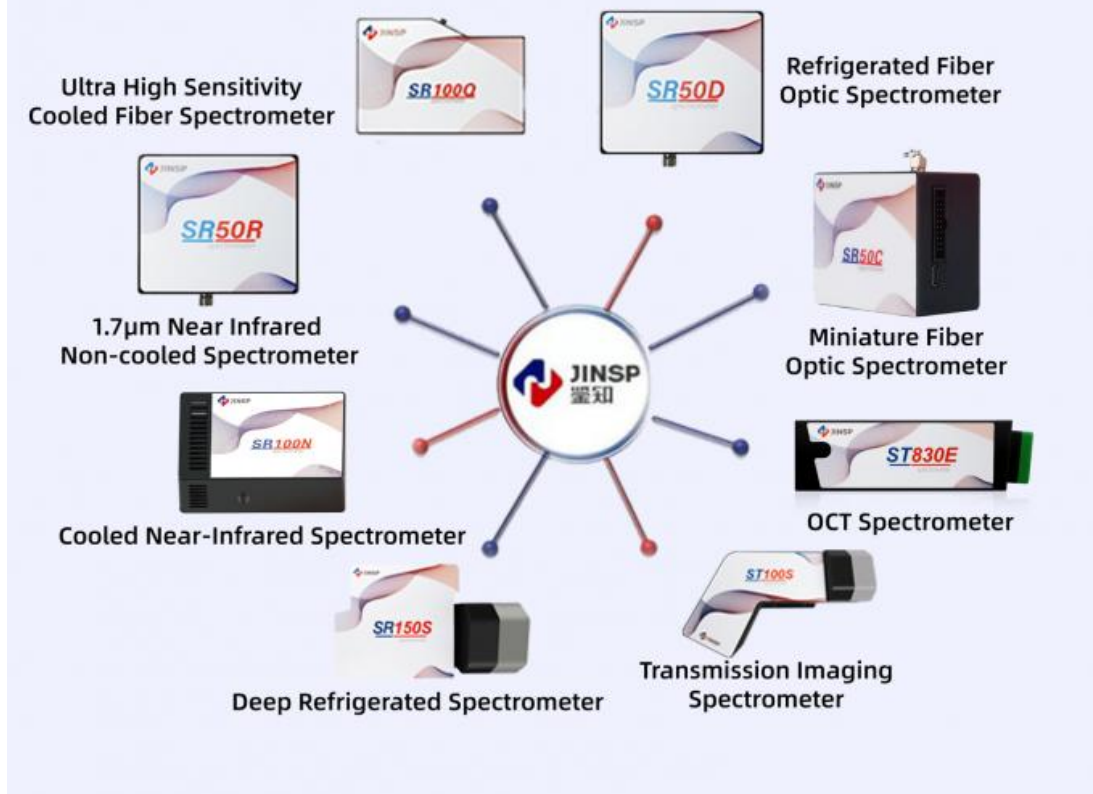


Grain and fodder quality testing

*Measurement of pharmaceutical
mixture components*



Spectrometer Series



Support and Services:

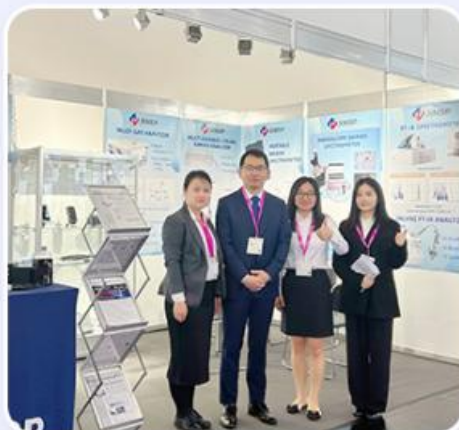
We offer a range of services to ensure that your Near-infrared Fiber Spectrometer is operating at peak performance, including:

- Installation and setup assistance
- Calibration and validation services
- Training and education services
- Maintenance and repair services
- Software updates and upgrades

Company Profile



Exhibition



Packing and Shipping:

Product Packaging:

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

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 SR50R.

Q3: Is this product certified?

A3: Yes, this product is CE certified.

Q4: Where is this product manufactured?

A4: This product is manufactured in China.

Q5: What are the payment terms for purchasing this product?

A5: The payment terms for purchasing this product are T/T and Western Union. T



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