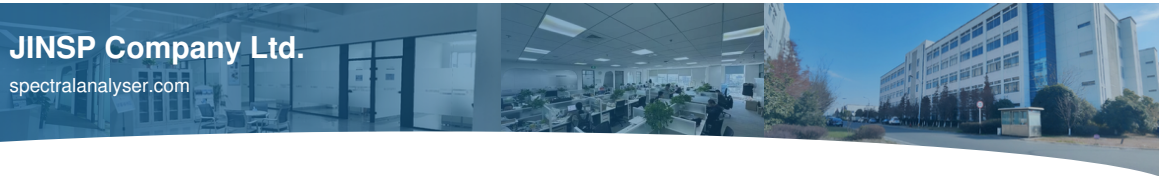




JINSP Company Ltd.
spectralanalyser.com



High Collection Efficiency Raman Spectroscopy Probe Raman Fiber Probe 1064nm

Our Product Introduction

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Basic Information

- Place of Origin: CHINA
- Brand Name: JINSP
- Certification: NO
- Model Number: PR100
- Minimum Order Quantity: 5
- Price: Negotiable
- Packaging Details: Carton Packing
- Delivery Time: 30-50 WORKING DAYS
- Payment Terms: T/T, Western Union
- Supply Ability: 50PCS/MONTH



Product Specification

- Excitation Wavelengths: 532 Nm, 785 Nm, And 1064 Nm
- Environmental Adaptability: Withstands High And Low Temperatures, High-pressure, And Is Suitable To Harsh And Extreme Reaction Conditions
- Product Name: Raman Probe For Automated Sampler In Continuous Flow Reaction Systems
- Corrosion Resistance: Not Resistant To Corrosive Liquid
- Fiber Optic Cable: 1.3 M PVC Jacketed As Standard, 3 M Or 5 M Length Are Optional
- Compact And Lightweight: Suitable For Routine Measurements Of Liquids And Solids In Conjunction With A Sample Chamber
- Accepted Payment Methods: T/T, Paypal, Western Union, L/C, Etc.
- Product Category: Industrial Online Instruments

Product Description

Optimal Collection with High Collection Efficiency Raman Probe

PR100 Raman probe is a conventional laboratory Raman offline detection probe which can be used for three excitation wavelengths: 532 nm, 785 nm, and 1064 nm. The probe is compact and lightweight, suitable for routine measurements of liquids and solids in conjunction with a sample chamber. It can also be used with a microscope for Raman micro-spectroscopy. PR100 can be combined with a flow cell and a side-view reactor for online reaction monitoring.

No	Item	Description
1	Model Name	PR100 optical probe
2	Probe tube material	304 stainless steel
3	Outer diameter	10 mm
4	Probe tube length	80 mm
5	Fiber optic cable	1.3 m PVC jacketed as standard, 3 m or 5 m length are optional
6	Corrosion resistance	Fiber optic cable

Ramam probe: 532nm/785nm/1064nm for option

Suitable for high temperature, high pressure and strong corrosion testing environments



Description	PR100 optical probe	PR200 Immersion probe	PR201 Immersion probe	PR202 Immersion probe	PR300 industrial immersion probe
Application	Laboratory offline analysis Flow cells and side windows	Laboratory test reaction (suitable for small volume reactors)	Laboratory test reaction	Biological fermentation tanks	Kettle reaction industrial production
Material	304 stainless steel	Hastelloy C276	Hastelloy C276	316L, can withstand SIP/CIP sterilization	Hastelloy C276
Tube outer diameter	10 mm	10 mm	16 mm	10 mm	60 mm
Probe tube length	80 mm	Standard 350 mm (can be customized)	Standard 270 mm (can be customized)	320 mm	1.9 m (1 ~ 3 can be customized)
Fiber length	1.3 m	Standard 5 m (customized within 200 m)	Standard 5 m (customized within 200 m)	Standard 5 m (customized within 200 m)	Standard 50 m (1 ~ 200 m can be customized)
Temperature resistant	-	-40 ~ 200 °C	-40 ~ 150 °C	-30 ~ 200 °C	-60 ~ 200 °C
Pressure resistant	-	30 MPa (customized up to 100 MPa)	30 MPa (customized up to 100 MPa)	1 MPa	30 MPa (customized up to 100 MPa)
Corrosion-resistant	Not resistant to corrosion	Most acids/alkalis/organic solvents and HF systems	Most acids/alkalis/organic solvents and HF systems	Tolerance pH range 1-14	Common industrial acid/alkali corrosion/ chlorosulfonic acid/HF

Features:

Product Name: Raman Probe

Accepted Payment Methods: T/T, Paypal, Western Union, L/C, etc.

Flow Cell Compatibility: Compatible with the FC100/FC200 flow cell

Online Monitoring: Enables online monitoring in continuous flow reaction systems or kettle-type reactions with an automated sampler

Corrosion Resistance: Not Resistant To Corrosive Liquid

High Collection Efficiency: Special optical design ensures high collection efficiency

Our Raman Probe is a wireless industrial instrumentation device that is perfect for industrial process measurement instruments. It is also an instrumentation for industrial ethernet communication.

Optical probe technical highlights



High collection efficiency

special optical design ensures high collection efficiency;



Environmental adaptability

withstands high and low temperatures, high-pressure, and is suitable to harsh and extreme reaction conditions



Flexible customization

The interface, length, and material can be customized according to monitoring needs.

Technical Parameters:

Product Name	Raman Probe for Automated Sampler in Continuous Flow Reaction Systems
Product Category	Real-time Monitoring Devices for Industrial Control
Environmental Adaptability	Withstands high and low temperatures, high-pressure, and is suitable to harsh and extreme reaction conditions
Raman Micro-spectroscopy	Can be used with a microscope
Corrosion Resistance	Not Resistant To Corrosive Liquid
Flow Cell Compatibility	Compatible with the FC100/FC200 flow cell
Probe Tube Length	80 Mm
Compact and Lightweight	Suitable for routine measurements of liquids and solids in conjunction with a sample chamber
Temperature Range	0 ~ 100 °C
Flexible Customization	The interface, length, and material can be customized according to monitoring needs
Product Category	Industrial Measurement Tools -Online Edition

I FC100/FC200

The FC100/FC200 flow cell is compatible with the PR100 Raman probe, connected in the reaction pipeline. When liquid materials flow through the flow cell, spectrum signal acquisition can be completed within seconds. It is suitable for continuous flow reaction systems or kettle-type reactions with an automated sampler, enabling online monitoring.



Applications:

The Raman Probe product is an excellent choice for online monitoring in continuous flow reaction systems or kettle-type reactions with an automated sampler. The product is designed for industrial measurement tools -Online Edition, and it can be used in various industrial processes that require online monitoring.

JINSP PR100 Raman Probe can be used in various application occasions, including chemical reaction processes, pharmaceuticals, food processing, and oil refining. The product is an excellent solution for analyzing the composition and structure of various materials in real-time. The Raman probe is also an essential tool for monitoring the quality of the final product in real-time.

The Raman Probe product is an industrial measurement tool that is designed to work with excitation wavelengths of 532 nm, 785 nm, and 1064 nm. The product is easy to install and operate, and it can be used with wireless industrial instrumentation devices.

Company Profile



Support and Services:

The Raman Probe product comes with technical support and services to ensure proper functioning and optimal performance. Our team of experts can assist with troubleshooting, installation, and maintenance of the product. We also offer training and education on the use of the product and its software. In addition, we provide calibration and repair services to keep the product operating at its best. Contact us for more information on our technical support and services.

Packing and Shipping:

Product Packaging:

The Raman Probe will be packaged in a sturdy cardboard box with appropriate cushioning material to prevent any damage during shipping.

Certifications



FAQ:

- Q: What is the brand name of the Raman Probe product?
- A: The brand name of the Raman Probe product is JINSP.
- Q: What is the model number of the Raman Probe product?
- A: The model number of the Raman Probe product is PR100.
- Q: Where is the Raman Probe product manufactured?
- A: The Raman Probe product is manufactured in China.
- Q: What is the minimum order quantity for the Raman Probe product?
- A: The minimum order quantity for the Raman Probe product is 5.
- Q: Is the price of the Raman Probe product negotiable?
- A: Yes, the price of the Raman Probe product is negotiable.
- Q: What are the payment terms for the Raman Probe product?
- A: The payment terms for the Raman Probe product are T/T and Western Union.
- Q: What is the supply ability of the Raman Probe product?
- A: The supply ability of the Raman Probe product is 50PCS/MONTH.
- Q: What is the delivery time for the Raman Probe product?
- A: The delivery time for the Raman Probe product is 30-50 working days.
- Q: What is the packaging details for the Raman Probe product?
- A: The packaging details for the Raman Probe product is carton packing.



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