

## Special Optical Design Raman Fiber Probe 80Mm Length Corrosion Proof

### Our Product Introduction

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#### Basic Information

- Place of Origin: CHINA
- Brand Name: JINSP
- Certification: ISO9001
- 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

- High Collection Efficiency: Special Optical Design Ensures High Collection Efficiency
- Raman Micro-spectroscopy: Can Be Used With A Microscope
- Temperature Range: 0 ~ 100 °C
- Corrosion Resistance: Not Resistant To Corrosive Liquid
- Warranty: One Year Warranty
- Probe Tube Length: 80 Mm
- Online Monitoring: Enables Online Monitoring In Continuous Flow Reaction Systems Or Kettle-type Reactions With An Automated Sampler
- Product Category: Industrial Online Instruments
- Highlight: **Raman Fiber Probe 80Mm Length , Corrosion Proof Raman Fiber Probe ,**

### Special optical design ensures maximum collection efficiency with Optical probe

The Raman Probe is made of 304 stainless steel, a material known for its durability and resistance to corrosion. It can withstand harsh environments and is built to last, making it the perfect choice for industrial applications. The probe's excitation wavelengths include 532 nm, 785 nm, and 1064 nm, ensuring that it can be used for a variety of applications.

We understand that payment options are essential for our customers, which is why we accept various payment methods such as T/T, Paypal, Western Union, L/C, etc. This ensures that our customers can choose the payment method that is most convenient for them.

## Introduction

### IPR100

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.



### Features:

Product Name: Raman Probe for Automated Sampler in Continuous Flow Reaction Systems

Compact and Lightweight: Suitable for routine measurements of liquids and solids in conjunction with a sample chamber

Probe Tube Length: 80 Mm

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

Industrial Grade Remote Monitoring System

Industrial Grade Remote Monitoring System

Online Industrial Monitoring Equipment

# 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:

High Collection Efficiency	Special optical design ensures high collection efficiency
Warranty	One year warranty
Fiber Optic Cable	1.3 M PVC Jacketed As Standard, 3 M Or 5 M Length Are Optional
Probe Tube Material	304 Stainless Steel
Flow Cell Compatibility	Compatible with the FC100/FC200 flow cell
Outer Diameter	10 Mm
Online Monitoring	Enables online monitoring in continuous flow reaction systems or kettle-type reactions with an automated sampler
Flexible Customization	The interface, length, and material can be customized according to monitoring needs
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

## 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 JINSP PR100 Raman Probe is compatible with the FC100/FC200 flow cell, making it an ideal choice for online industrial monitoring equipment. The device is capable of providing real-time monitoring of various industrial processes, allowing users to identify issues and make necessary adjustments in real-time. The probe is also ideal for use in hazardous environments, where traditional monitoring methods may not be suitable.

### **Support and Services:**

Our Raman Probe product technical support and services include:

- On-site installation and training
- Remote technical support via phone or email
- Troubleshooting and repair services
- Calibration and maintenance services
- Access to our online knowledge base and resources
- Customization services to meet specific application needs

# Company Profile



## Packing and Shipping:

### Product Packaging:

The Raman Probe product will be packaged securely in a compact box to ensure its safety during transportation. The box will contain the Raman Probe, a user manual, and a protective case.

### Shipping:

The Raman Probe product will be shipped via a reliable courier service to ensure timely delivery. The shipping cost will be calculated based on the delivery location and will be added to the final invoice.



# Certifications



## FAQ:

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



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