

304 Stainless Steel Raman Probe For Compact And Lightweight Routine Measurements

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

- Outer Diameter: 10 Mm
- Excitation Wavelengths: 532 Nm, 785 Nm, And 1064 Nm
- High Collection Efficiency: Special Optical Design Ensures High Collection Efficiency
- Product Name: Raman Probe For Automated Sampler In Continuous Flow Reaction Systems
- Accepted Payment Methods: T/T, Paypal, Western Union, L/C, Etc.
- Raman Micro-spectroscopy: Can Be Used With A Microscope
- Highlight: **304 Stainless Steel Raman Probe, Routine Measurements Raman Probe, Stainless Steel raman fiber probe**

Product Description

304 Stainless Steel Raman Probe for Compact and Lightweight Routine Measurements

The Raman Probe is equipped with three excitation wavelengths: 532 nm, 785 nm, and 1064 nm, making it a versatile option for a wide range of applications. The probe is also compatible with the FC100/FC200 flow cell, ensuring easy integration with your existing equipment.

Our Raman Probe is not only durable and versatile, but also flexible in terms of customization. The interface, length, and material can be customized according to your specific monitoring needs. This means you can tailor the Raman Probe to suit your particular application, ensuring the most accurate and reliable data possible.

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.



Sample chamber



Side window



Flow cell

Features:

Product Name: Raman Probe

Warranty: One-year warranty

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

Raman Micro-spectroscopy: Can be used with a microscope

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

Corrosion Resistance: Not Resistant To Corrosive Liquid

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
Compact and Lightweight:	Suitable for routine measurements of liquids and solids in conjunction with a sample chamber
Raman Micro-spectroscopy:	Can be used with a microscope
Accepted Payment Methods:	T/T, Paypal, Western Union, L/C, etc.
Temperature Range:	0 ~ 100 °C
High Collection Efficiency:	Special optical design ensures high collection efficiency
Probe Tube Material:	304 Stainless Steel
Excitation Wavelengths:	532 nm, 785 nm, and 1064 nm
Fiber Optic Cable:	1.3 M PVC Jacketed As Standard, 3 M Or 5 M Length Are Optional

Applications:

JINSP PR100 Raman Probe is a high-quality product that can be used in various industrial applications. It is a flexible and efficient instrument that can be customized according to monitoring needs. This product has a special optical design that ensures high collection efficiency, making it the perfect choice for routine measurements of liquids and solids in conjunction with a sample chamber. The JINSP PR100 Raman Probe is suitable for a variety of product application occasions and scenarios. It is an ideal choice for instrumentation for industrial Ethernet communication, advanced industrial online instruments, digital sensors, and field instruments. The temperature range of this product is 0 ~ 100 °C, which makes it suitable for use in various industrial environments.

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.



Support and Services:

The Raman Probe product technical support and services include:

- Assistance with product installation, setup, and calibration
- Troubleshooting and diagnosis of any issues or errors
- Regular maintenance and cleaning recommendations
- Access to software updates and upgrades
- Product training and education
- Technical consultation with experienced support staff

Company Profile



Packing and Shipping:

Product Packaging:

The Raman Probe will be packed in a sturdy and secure box to ensure that the product is not damaged during shipping. The box will be labeled with the product name, description, and handling instructions to ensure safe and proper handling.

Shipping:

We offer worldwide shipping for the Raman Probe. The shipping cost will be calculated based on the destination and delivery option selected by the customer. We use trusted and reliable shipping carriers to ensure that the product is delivered safely and on time.

Certifications



FAQ:

Here are the frequently asked questions and answers for the JINSP Raman Probe PR100:

Q: What is the minimum order quantity for the JINSP Raman Probe PR100?

A: The minimum order quantity for the JINSP Raman Probe PR100 is 5.

Q: What is the price of the JINSP Raman Probe PR100?

A: The price of the JINSP Raman Probe PR100 is negotiable.

Q: What payment terms are accepted for the JINSP Raman Probe PR100?

A: The accepted payment terms for the JINSP Raman Probe PR100 are T/T and Western Union.

Q: What is the supply ability for the JINSP Raman Probe PR100?

A: The supply ability for the JINSP Raman Probe PR100 is 50PCS per month.

Q: What is the delivery time for the JINSP Raman Probe PR100?

A: The delivery time for the JINSP Raman Probe PR100 is 30-50 working days.

Q: What are the packaging details for the JINSP Raman Probe PR100?

A: The JINSP Raman Probe PR100 is packaged in carton packing.

Q: Where is the JINSP Raman Probe PR100 manufactured?

A: The JINSP Raman Probe PR100 is manufactured in China.



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