

Research Grade High Resolution Raman Spectrometer User Friendly For Various Applications

Our Product Introduction

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Basic Information

- Place of Origin: CHINA
- Brand Name: JINSP
- Certification: CE ISO9001
- Model Number: RS2100LABPro
- Minimum Order Quantity: 1
- Price: Negotiable
- Packaging Details: Customized Packaging
- Delivery Time: 60-80working days
- Payment Terms: TT
- Supply Ability: 20 PCS/60-80 days



Product Specification

- Laser Wavelength: 1064nm
- Wavelength Accuracy: 0.2nm
- Wavelength Stability: 0.01nm
- Detection Accuracy: 0.01
- Highlight: **high resolution raman spectrometer User Friendly**
, **Research Grade High Resolution Raman Spectrometer**
, **Research Grade raman spectroscopy machine**



Product Description

Desktop Raman Spectrometer Versatile and User-Friendly for Various Applications

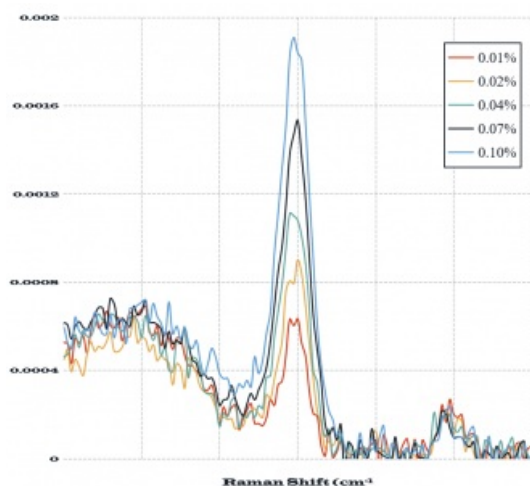
Product Description:

This Desktop Raman Analyzer is equipped with a high-quality laser and a highly sensitive detector that can detect even the smallest Raman signals. It features a compact and robust design that makes it easy to transport and use in different environments. It is a perfect tool for chemical identification, quantitative analysis, and material characterization.

The Desktop Raman Analyzer is ideal for a wide range of applications, including materials science, pharmaceuticals, biotechnology, forensic science, and environmental analysis. It is a perfect choice for researchers and scientists who need a reliable and accurate instrument for their analytical work. It is also an excellent teaching tool for students in chemistry, physics, and engineering. The Desktop Raman Analyzer comes with powerful software that is easy to use and provides a range of analytical tools. It allows users to quickly and accurately analyze their data, create reports, and share their findings with others. The software also provides advanced data processing and interpretation tools, making it an ideal choice for research and development projects.

The Desktop Raman Analyzer is a cost-effective solution for researchers, scientists, and engineers who need a reliable and accurate analytical instrument. It offers high performance at a fraction of the cost of other benchtop Raman spectrometers. Its compact size and portability make it ideal for fieldwork and on-site analysis.

In summary, the Desktop Raman Analyzer is a powerful and versatile instrument that is perfect for a wide range of applications. It is easy to use, compact, and highly portable, making it an ideal choice for researchers, scientists, and engineers in a variety of fields. Its high-performance, cost-effective design makes it an excellent choice for both research and teaching applications.

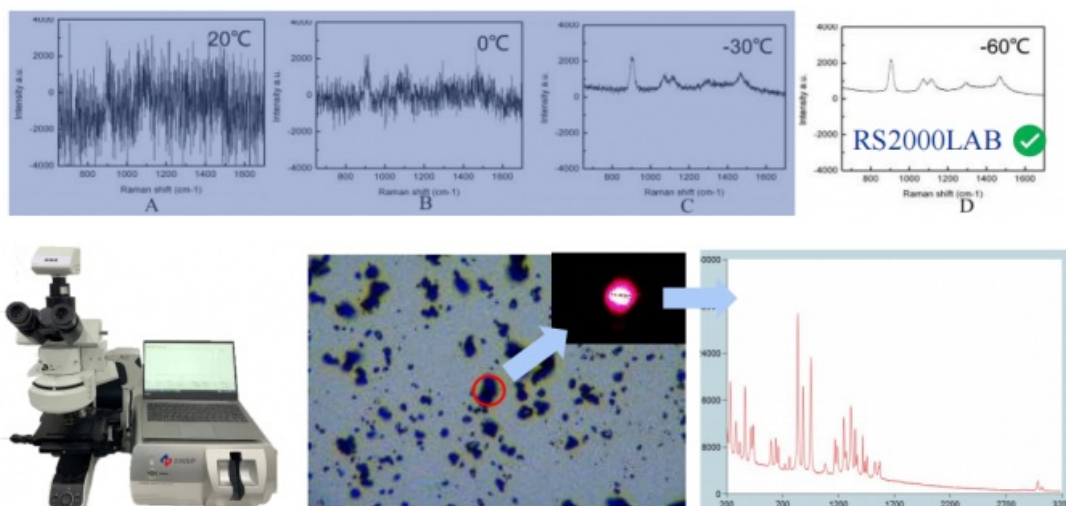


Features:

- Scientific portable Raman Analyzer
- High-resolution spectra detection
- Compact and portable design
- Easy-to-use software interface
- Real-time data acquisition and analysis
- High sensitivity and specificity
- Wide range of sample analysis capabilities
- Non-destructive and non-invasive analysis
- Multiple sample mounting options
- Customizable analysis parameters
- Integrated laser safety features
- Compatible with common laboratory accessories
- Robust and reliable performance

Technical Parameters:

Product Name:	1064nm High Sensitivity Raman Instrument
Wavelength Accuracy	0.2 nm
Wavelength Stability	0.01 nm
Resolution	<9 cm ⁻¹
Type:	Desktop Raman Analyzer



Applications:

The JINSP RS2100LABPro is a benchtop Raman spectrometer that is widely used in scientific research, pharmaceuticals, food safety, forensics, and materials science. This desktop Raman analyzer is a powerful tool for identifying and analyzing chemical compounds, including organic and inorganic substances, solids, liquids, and gases. Its high sensitivity and accuracy make it an excellent choice for a wide range of applications.

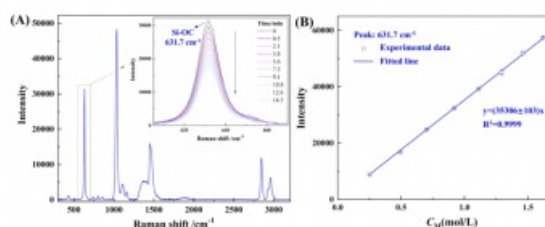
The JINSP RS2100LABPro is ideal for use in laboratories, research centers, universities, and other scientific institutions. It can be used to analyze the composition of materials, to identify unknown substances, and to monitor chemical reactions. It is also used for quality control in the pharmaceutical and food industries, where it can detect impurities, contaminants, and other unwanted substances.

The JINSP RS2100LABPro is also used in forensics, where it can be used to identify trace evidence, such as fibers, hairs, and other materials. Its ability to analyze small samples makes it a valuable tool in criminal investigations and other forensic applications. In addition, the JINSP RS2100LABPro is used in materials science, where it can be used to study the properties of various materials, including polymers, ceramics, and metals. This desktop Raman analyzer can provide information on the structure, composition, and properties of materials, making it an essential tool for researchers in this field.

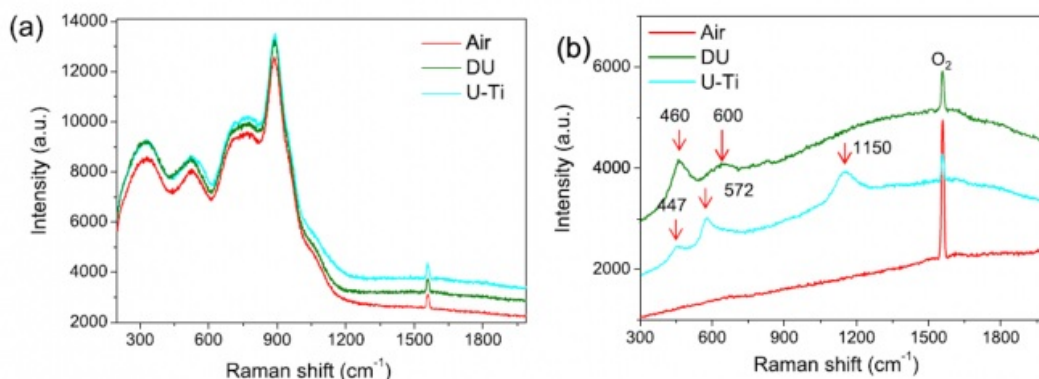
In conclusion, the JINSP RS2100LABPro is a versatile and powerful desktop Raman spectrometer that is widely used in scientific research, pharmaceuticals, food safety, forensics, and materials science. Its high sensitivity and accuracy, combined with its ease of use, make it an excellent choice for a wide range of applications. With its CE ISO9001 certification, this product meets the highest standards of quality and reliability.

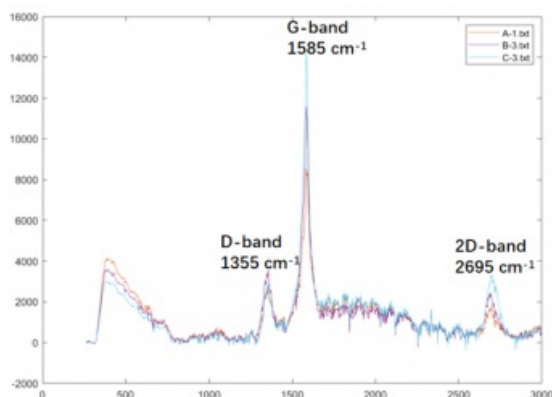


Fig. 1. Photograph of the in-situ Raman monitoring system.



Raman spectra and quantitative models of different MTMS contents in methanol solution





Support and Services:

The Desktop Raman Spectrometer product offers comprehensive technical support and services to ensure optimal performance and reliability. Our team of experts is available to assist with installation, calibration, and troubleshooting to help you get the most out of your instrument. We also offer training and educational resources to help you learn more about the capabilities and applications of your spectrometer. In addition, we provide maintenance and repair services to keep your instrument running smoothly and minimize downtime. With our technical support and services, you can feel confident in the performance and longevity of your Desktop Raman Spectrometer.

Packing and Shipping:

Product Packaging:

The Desktop Raman Spectrometer is packaged in a sturdy cardboard box with foam inserts to protect the instrument during shipping.

Shipping:

The Desktop Raman Spectrometer is shipped via a reputable courier service that provides tracking information and insurance for the full value of the instrument. Shipping times may vary depending on the destination but typically range from 80 business days. Customers will receive an email with tracking information as soon as the instrument has shipped.

FAQ:

Q: What is the brand name of the Desktop Raman Spectrometer?

A: The brand name of the Desktop Raman Spectrometer is JINSP.

Q: What is the model number of the Desktop Raman Spectrometer?

A: The model number of the Desktop Raman Spectrometer is RS2100LABPro.

Q: What certifications does the Desktop Raman Spectrometer have?

A: The Desktop Raman Spectrometer has CE and ISO9001 certifications.

Q: What is the place of origin of the Desktop Raman Spectrometer?

A: The place of origin of the Desktop Raman Spectrometer is China.

Q: What is the minimum order quantity for the Desktop Raman Spectrometer?

A: The minimum order quantity for the Desktop Raman Spectrometer is 1.

Q: Is the price of the Desktop Raman Spectrometer negotiable?

A: Yes, the price of the Desktop Raman Spectrometer is negotiable.

Q: What are the payment terms for the Desktop Raman Spectrometer?

A: The payment terms for the Desktop Raman Spectrometer are TT.

Q: What is the supply ability of the Desktop Raman Spectrometer?

A: The supply ability of the Desktop Raman Spectrometer is 20 PCS/60-80 days.

Q: What is the delivery time for the Desktop Raman Spectrometer?

A: The delivery time for the Desktop Raman Spectrometer is 60-80 working days.

Q: What are the packaging details for the Desktop Raman Spectrometer?

A: The packaging details for the Desktop Raman Spectrometer are customized packaging.



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