

Less than 500g 785nm Handheld Raman Spectrometer System

Our Product Introduction

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Basic Information

- Place of Origin: CHINA
- Brand Name: JINSP
- Certification: CE
- Model Number: RS1000
- Minimum Order Quantity: 1
- Price: Negotiable
- Packaging Details: International Shipping Package
- Delivery Time: 20-30 working days
- Payment Terms: T/T, , Western Union
- Supply Ability: 200 PCS 20-30 days



Product Specification

- Laser: 785nm
- Size: 160*84*30mm
- Connectivity: USB / Wi-Fi / 4G /Bluetooth
- Power: Rechargeable Li-ion Battery
- Data Format: SPC /TEXT / JPEG / PDF
- Weight: Less Than 500g
- Highlight: **Portable Raman Spectrometer Battery Powered, 785nm Handheld Raman Analyzer, 785nm Portable Raman Spectrometer**



More Images



Product Description

RS1000 Handheld Raman Spectrometer

JINSP® RS1000 Raman Handheld Identifier is the new generation of handheld detection equipment for unknown material identification. It is used for quick identification of drugs, precursor chemicals, dangerous liquids, explosives, jewellery, jade, industrial raw materials, etc.

It works perfectly for rapid detection of narcotics, explosives, hazardous chemicals and other substances found on site, used in customs, public security and fire protection, etc.

The device is compact and lightweight, with a weight of less than 500g. It is suitable for single-hand operation and can be carried. The built-in safety inspection module can detect the material without any difference. Detection of dark, black material without ignition risk. It has a 5-inch-high sensitive touch screen with a built-in 13 million HD camera, Built-in WiFi, 4G, Bluetooth transmission module, providing intelligent operation experience.

Technical Parameters:

No	Item	Description
1	Laser	785nm
2	Size	160* 84 * 30mm
3	Weight	less than 500g
4	Connection	Wi-Fi, 4G, Bluetooth, nMicro-USB
5	Power Supply	Rechargeable lithium battery, 4-6h
6	Built in Library	Narcotics & Precursors, Explosives, Dangerous Liquid, Gem. etc
7	Result	Name, Property, Spectrum, MSDS, Result-report

Technical Features:

- Handheld and ergonomic design
- Analyze and identify substance in about 3 seconds, typically
- Extensive library-adding new spectrograms
- Built-in WiFi, 4G, camera and barcode scanner
- Accurate and rapid identification of suspicious substance
- Material name and spectrogram
- Full encyclopedic information

Application Field:

- Drugs: heroin, cocaine, ketamine, etc.
- Precursor chemicals: ephedrine, Methamphetamine, chloroform etc.
- Fen-tanyl and its derivatives: fen-tanyl, butyrylfen-tanyl, acetylfen-tanyl, acrylylfen-tanyl, etc.
- Hazardous liquids: sulfuric acid, gasoline, hydrogen peroxide, nitric acid, paint thinner, toluene, etc.
- Explosives: TNT, RDX (RDX), TATP (liquid explosives), ammonium nitrate, etc.

Perform 100% package-by-package inspection

Identification Instrument

RS1000



Wide Detection Range



Chemical raw materials

aspirin,acetaminophen,folic acid,nicotinamide,etc.



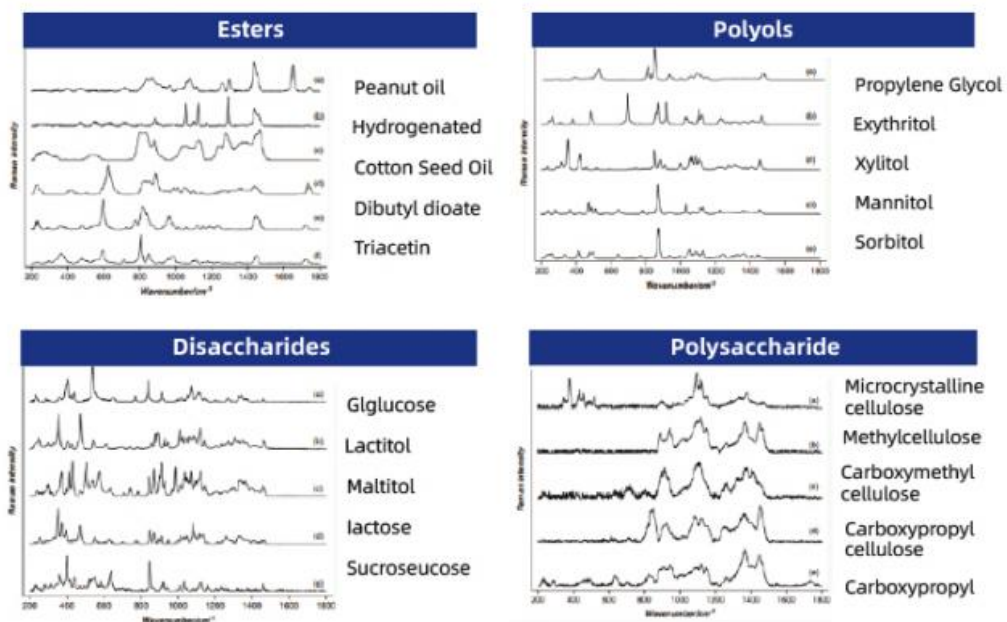
Pharmaceutical excipients

salts,alkalis,sugars,esters,alcohols,phenols,etc.



Packaging materials

polyethylene,polypropylene,polycarbonate,ethylene-vinyl acetate copolymer, etc.



Application Field

✓ Narcotics & precursors

Heroin, Methyl amphetamine (Ice), Ephedrine, Acetone, etc.

✓ Explosives

TNT, RDX, TATP, Nitra mine, etc.

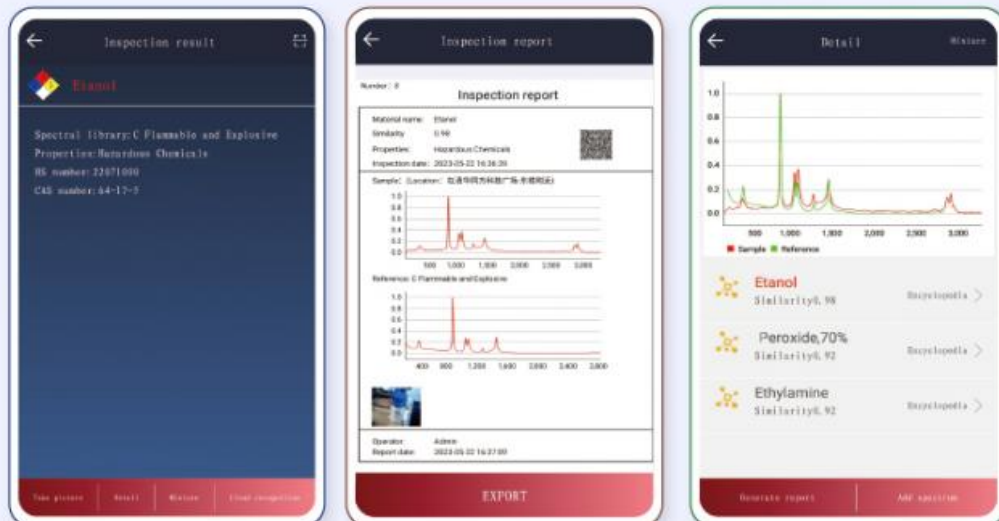
✓ Dangerous Liquid

Ethanol, Gasoline, Hydrogen peroxide, Nitric acid, etc.

Gem: Diamond, Agate, Jade, etc.

✓ Industrial raw materials

PET, PP, PS, etc.



No Sampling Required



It can directly detect through woven bags, plastic, glass, paper packaging, and other types of packaging.



Woven Bag



Plastic Packaging



Plastic Barrel

Company Introduction

JINSP Company Limited has won the National Science and Technology Commission's Scientific and Technological Achievement Appraisal Certificate and the China Patent Excellence Award, and related products have been obtained has won authoritative awards such as the Geneva International Invention Award, the Beijing New Technology and New Product Certificate, and the "Innovation Achievement Award" of the Zhu Liangyi Analytical Instrument Innovation Award. In addition, JINSP participated in the drafting of several national and international standards, including participating in the drafting of an international standard as the only participating unit in China IEC 63085 International Standard: System of spectral identification of liquids in transparent or semitransparent containers; Drafting of two national standards: GB/T 41086-2021 "General Technical Requirements for Safety Inspection Equipment for Hazardous Chemicals Based on Raman Spectroscopy", GB/T 40219-2021 "General Specification for Raman Spectrometer".

Company Profile



Exhibition



Certifications



Q: How to receive a best price in the shortest time?

A: When you send us an inquiry, please kindly offer details with wavelength, detector, effective pixels, focal length and so on. We will send you quotation with details soon to your email.

Q: Can you offer a operation training?

A: Your technicians can come to our factory for a training. Jinsp technical engineers can go to your place for local support. (installation, training, debugging, maintenance)

Q: How to receive a best price in the shortest time?

A: When you send us an inquiry, please kindly offer details with wavelength, detector, effective pixels, focal length and so on. We will send you quotation with details soon to your email.

Q: If the spectrometer has problem in my place, how could I do?

A: The spectrometer has one year warranty. If it breaks down, our technician will figure out what the problem maybe, according to client's feedback. We can repair for free within one year warranty.

Q: What about quality assurance?

A: We have a quality inspection team. All goods will go through quality inspection before shipment. We can send you pictures for inspection.



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