

Wireless Handheld Raman Spectrometer for On-site Detection of Narcotics and Explosives

Our Product Introduction

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Basic Information

- Place of Origin: CHINA
- Brand Name: JINSP
- Certification: CE
- Model Number: RS1500
- Minimum Order Quantity: 1
- Price: Negotiable
- Packaging Details: Customized Packaging
- Delivery Time: 70-90working days
- Payment Terms: T/T
- Supply Ability: 20 PCS/70-90 days



Product Specification

- Laser: 1064nm
- Size: 176mm* 87mm * 33mm
- Data Format: SPC / TEXT / JPEG / PDF
- Data Storage: Up To 10,000 Records
- Highlight: Narcotics Raman Spectrometer, On-site Detection Raman Spectrometer, Wireless Handheld Raman Spectrometer



More Images



Product Description

RS1500 Handheld Raman Spectrometer for advanced detection capabilities

Rapid detection of narcotics, explosives, hazardous chemicals, and other substances found on site is crucial for various applications in customs, public security, fire protection, and other related fields. This process involves the swift identification and analysis of potentially dangerous materials to ensure the safety and security of individuals and facilities. In the realm of customs, for instance, the ability to quickly detect these substances is essential for preventing illegal trafficking and ensuring that goods comply with international regulations. Public security agencies rely on such rapid detection methods to identify and neutralize threats promptly, thereby safeguarding public safety and maintaining law and order. Similarly, fire protection services utilize these techniques to identify hazardous materials in emergency situations, allowing for more effective response strategies and the mitigation of potential risks. Overall, the rapid detection of these substances plays a pivotal role in enhancing the efficiency and effectiveness of various security measures across multiple sectors.

Uses Raman Spectroscopy Technology

Handheld Raman Identifier

RS1500



No	Item	Description
1	Laser	1064nm
2	Size	176mm* 87mm * 33mm
3	Weight	730g
4	Connection	Wi-Fi,4G,Bluetooth,Micro-USB
5	Power Supply	Rechargeable lithium battery,4-6h
6	Database	Narcotics&Precursors,Explosives,Dangerous Liquid,Gem.etc

Technical Highlights

- Handheld and ergonomic design
- Analyze and identify substance in about 10 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

Characteristics

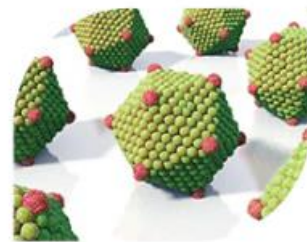
- Automatic calibration without manual operation and external accessories
- Able to detect small suspicious particles on-site by built-in microscope
- Assess the risk of ignition and stop the laser automatically
- Penetrate brown glass, some envelopes and plastic packaging
- Small and light, it can be carried and operated easily
- Total spectrum library is 13,000 species, and the contraband spectrum library is 3,000 species
- Support for multiple languages

Characteristics



Automatic calibration without manual operation and external accessories

Able to detect small suspicious particles on-site by built-in microscope



Assess the risk of ignition and stop the laser automatically

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Small and light, it can be carried and operated easily



Total spectrum library is > 13,000 species, and the contraband spectrum library is > 3,000 species



Support for multiple languages

Application Field

- Narcotics and precursors
- Chemical weapons
- Flammable and toxic liquids
- Explosives

Application Field

✓ Narcotics and precursors

Heroin, Morphine, Methamphetamine, Ketamine, cocaine, MDMA, Fentanyl, Cannabinoid, Ephedrine, Safrole, etc.

✓ Chemical weapon

GB, GD, VX, HD, etc.

✓ Flammable and toxic liquids

Gasoline, Kerosene, Diesel, Methanol, Ethanol, nitromethane, Acetone, Benzene, Toluene, Acetonitrile, Tetrahydrofuran, Chloroform, etc.

✓ Explosives

Ammonium nitrate, Potassium nitrate, C4, Composition B, TNT, RDX, HMX, TNP, TATP, etc.

✓ Other

Starch, Sucrose, Vitamin C, Paracetamol, Analgin, Polyethylene, Polystyrene, etc.



The RS1500 detects liquid and small particle (panel interface can be switched to multiple languages)

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

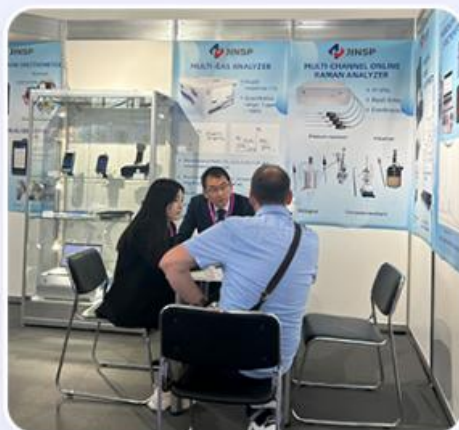
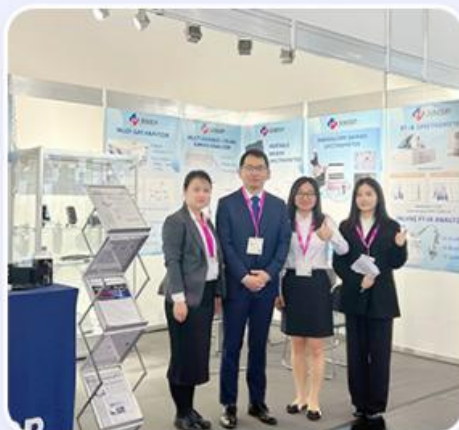
JINSP Company Limited has won the National Science and Technology Commission's Scientific and Technological Achievement Appraisal Certificate and the China Patent Excellence Award, and related products have been obtained has won authoritative awards such as the Geneva International Invention Award, the 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".

JINSP offers an on-site rapid detection solution for narcotics, explosives, and hazardous chemicals, aiding customs, public security, and fire departments in the swift detection of such. This eliminates the need to send samples to a laboratory for testing, significantly saving detection time and enhancing on-site disposal efficiency.

Company Profile



Exhibition



Certifications



FAQ

Q1: This is the first time I use, is it easy to operate?

A1: We will send you manual and guide video in English, it can teach you how to operate the spectrometer. Also our technicians will offer professional technical operation meetings.

Q2: Can you offer an operation training?

A2: 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)

Q3: How to receive a best price in the shortest time?

A3: 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.

Q4: If the spectrometer has a problem in my place, how could I do?

A4: 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.

Q5: What about quality assurance?

A5: 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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