

RS1000DI Handheld Raman Spectrometer 5" Capacitive Touch Screen for Drug Production Efficiency

Our Product Introduction

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Basic Information

- Place of Origin: CHINA
- Brand Name: JINSP
- Certification: ISO9001 CE
- Model Number: RS1000DI
- Minimum Order Quantity: 1
- Price: Negotiable
- Packaging Details: Customized Packaging
- Delivery Time: 90-120 working days
- Payment Terms: T/T, Western Union
- Supply Ability: 5PCS/90-120 days



Product Specification

- Laser: 785nm
- Size: 160mm* 84mm * 30mm
- Weight: <500g(including Battery)
- Function: Qualitative Identification Of Compounds
- Touch Screen: 5" Capacitive Touch Screen
- Certification: CE & IP67 3Q FDA21 CFR Part11 GMP
- Highlight: Touch Screen Handheld Raman Spectrometer, 5" Screen Handheld Raman Spectrometer, Drug Production Efficiency Handheld Raman Spectrometer



More Images



RS1000DI Handheld Raman Spectrometer for pharmaceutical

Driven by government regulations, market pressures, and the need for sustainable growth, pharmaceutical manufacturers are seeking advanced 100% testing solutions. These solutions must be precise, fast, and cover all stages—from raw materials and excipients to process monitoring and final inspections. Raman spectroscopy, recognized by pharmacopoeias, is a key enabler of drug development and quality control.

The JINSP RS1000DI drug identification instrument is a state-of-the-art device designed to ensure the highest standards of quality and safety in pharmaceutical manufacturing. It is capable of performing a meticulous 100% package-by-package inspection of raw materials and packaging materials, a process that is critical for maintaining the integrity of the drug production chain. This sophisticated instrument can quickly and accurately identify raw materials in various environments, including warehouses, material preparation rooms, and production workshops, where efficiency and precision are paramount.

The RS1000DI's advanced technology not only meets but exceeds the rigorous requirements of FDA 21 CFR Part 11, a regulation that sets the standard for electronic records and signatures in the pharmaceutical industry. Additionally, it adheres to the guidelines of Good Manufacturing Practice (GMP), ensuring that every product that leaves the facility meets the highest quality benchmarks. We, at JINSP, are deeply committed to the success of our clients and the safety of patients worldwide. In line with this commitment, we provide comprehensive technical support services that encompass method establishment, verification, and 3Q certification.

Perform 100% package-by package inspection

Identification Instrument

RS1000DI



RS1000DI meets the requirements of FDA 21 CFR
part11 and GMP and other relevant regulations

Item	Description
Laser	785nm
Size	160mm* 84mm * 30mm
Weight	<500g(including battery)

Connection	Wi-Fi,4G,Bluetooth,Micro-USB
Operation	5" Touch Screen,big button,intuitive man-machine interface operation
Power Supply	Rechargeable lithium battery,4-6h
Detection Range	Chemical raw materials;Pharmaceutical excipients;Packing materials
Result	Name,Property,Spectrum,MSDS,Result-report

Technical Features

- Instant response: delivers identification results within seconds
- Non-destructive testing: penetrates various packaging materials including plastics and glass
- Lightweight portability: facilitates easy movement between different operational areas
- Direct detection: eliminates complex sampling procedures
- High-precision identification: machine learning-powered recognition with strong specificity

Technical Features



『 Quick response 』

Identification can be completed within a few seconds

『 Response quickly 』

The identification can be completed within a few seconds



『 Compact and lightweight 』

It can be moved flexibly in warehouses, material preparation rooms, and production workshops etc.

『 Real-time sampling 』

No need to sampling, simple and safe



『 Identification accuracy 』

Advanced machine learning algorithm supports accurate recognition, strong specificity

Wide Detection Range

- » **Chemical raw materials:** aspirin, folic acid, nicotinamide, etc.
- » **Pharmaceutical excipients:** salts, alkalis, sugars, esters, alcohols, phenols, etc.
- » **Packaging materials:** polyethylene, polypropylene, polycarbonate, ethylene-vinyl acetate copolymer, etc.

Wide Detection Range



Chemical raw materials

aspirin, acetaminophen, folic acid, nicotinamide, etc.



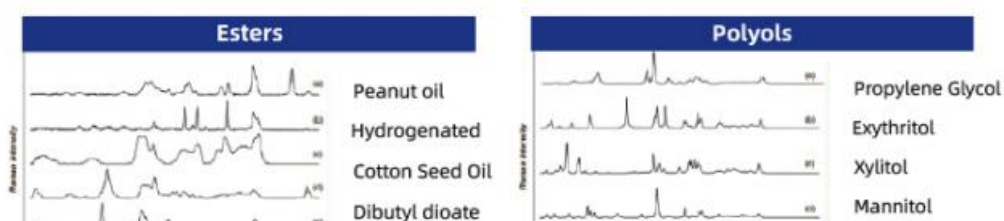
Pharmaceutical excipients

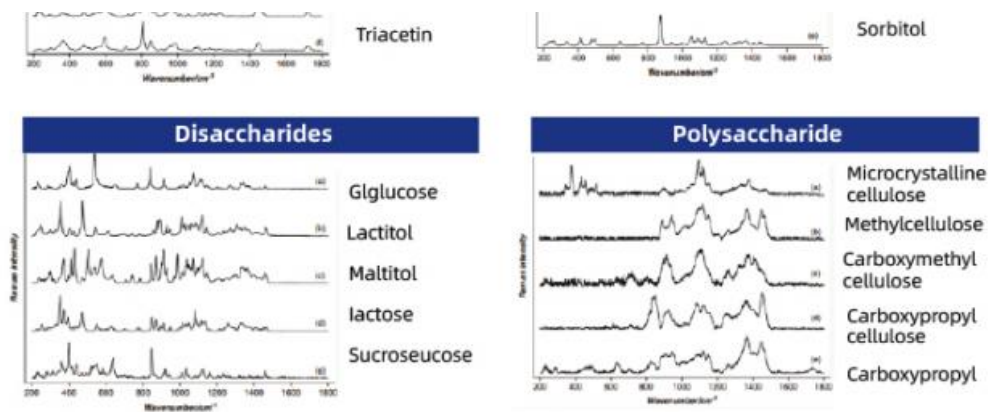
salts, alkalis, sugars, esters, alcohols, phenols, etc.



Packaging materials

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





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, abbreviated as "JINSP", is a professional supplier with over 17 years of experience in spectral detection technology products, including Raman, FT-IR, LIBS technologies, etc. After 17 years of technology accumulation, the company's core key technologies have reached the international leading position at the level, and the cumulative number of patent applications exceeded 200.

JINSP offers over twenty spectroscopic products across various fields, including pharmaceutical and chemical industries, public security, and customs. Products are available nationwide and are exported to over 30 countries, with cumulative sales exceeding 3,000 units.

Benefit from 30+ R&D engineers, including 4 Ph.D., JINSP is deeply rooted in the field of personalized product customization, and is committed to meeting the diverse and unique needs of customers with excellent professional technology and innovative design capabilities.

Company Profile





FAQ:

Q: What is the brand name of the pharmaceutical spectrometer?

A: The brand name of the **pharmaceutical spectrometer** is JINSP.

Q: What is the model number of pharmaceutical rapid identification?

A: The model number of the **pharmaceutical spectrometer** is RS1000DI.

Q: Is the pharmaceutical rapid identification Spectrometer certified?

A: Yes, It certified with CE.

Q: What is the minimum order quantity for the pharmaceutical spectrometer?

A: The minimum order quantity for the **pharmaceutical spectrometer** is 1 unit.



JINSP

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