

RS1500DI Handheld Raman Spectrometer 1064nm Laser Instant and Non-Destructive Analysis Made Possible

Our Product Introduction

for more products please visit us on spectralanalyser.com

Basic Information

- Place of Origin: CHINA
- Brand Name: JINSP
- Certification: ISO9001 CE
- Model Number: RS1500DI
- Minimum Order Quantity: 1
- Price: Negotiable
- Packaging Details: Customized Packaging
- Delivery Time: 30-40 working days
- Payment Terms: T/T, Western Union
- Supply Ability: 5PCS/30-40 days



Product Specification

- Laser Wavelength: 1064nm
- Response Speed: ~15s
- Spectral Library: 20000
- Survivability: IP68
- Function: Qualitative Identification Of Compounds
- Size: 176mm * 87mm * 33mm
- Highlight: **Non-Destructive Handheld Raman Spectrometer , raman spectrometer handheld, 1064nm Handheld Raman Spectrometer**



More Images



RS1500DI Handheld Raman Spectrometer

The RS1500DI from JINSP provides exhaustive package-by-package inspection for raw and packaging materials, supporting swift material release in pharmaceutical environments. The device's 1064nm laser technology is particularly effective for materials exhibiting strong fluorescence, such as amino acids, coenzymes, and cellulose. It meets all regulatory standards, including FDA 21 CFR Part 11 and GMP.

perform 100% package-by-package inspection

Handheld Raman Spectrometer

RS1500DI



RS1500DI is compliant with relevant regulations
such as FDA 21CFR Part11 and GMP

Item	Description
Laser	1064nm
Size	176mm*87mm*33mm
Weight	730g
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; Biochemical raw materials; Pigment excipients
Result	Name, Property, Spectrum, MSDS, Result-report

Technical Features

Rapid detection: completes analysis within seconds

Barrier-penetrating technology: works through various packaging materials

Portable operation: lightweight and easy to move
Real-time analysis: requires no sampling process
Accurate identification: machine learning algorithms ensure precise recognition

Technical Features



『 Wide detection range 』

chemical and biochemical raw materials and pigments can be identified

『 Convenient 』

it can directly detect through glass, woven bag, paper bag, plastic and other packaging



『 Compact and lightweight 』

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

『 Quick response 』

identification can be completed within seconds



『 No need to take samples 』

no need to transfer raw and auxiliary materials to the sampling room, which can avoid sampling pollution

『 Identification accuracy 』

Advanced machine learning algorithm supports accurate recognition



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.

Compared with ordinary 785nm Raman, it has stronger detection ability

- Biochemical raw materials: amino acids and their derivatives, enzymes and coenzymes, proteins, etc.
- Pigment excipients: carmine, carotene, curcuminchlorophyll, etc.
- Other polymer excipients: gelatin, microcrystalline cellulose, etc.

Product Advantages

- 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.

◆ Biochemical raw materials

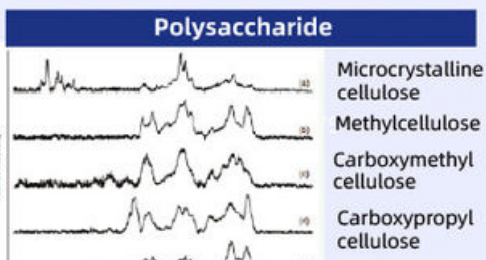
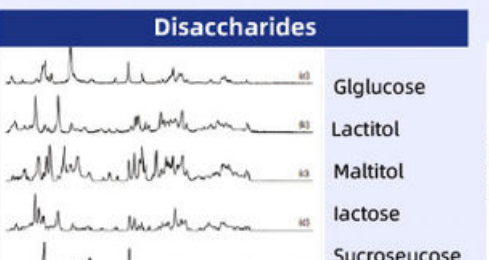
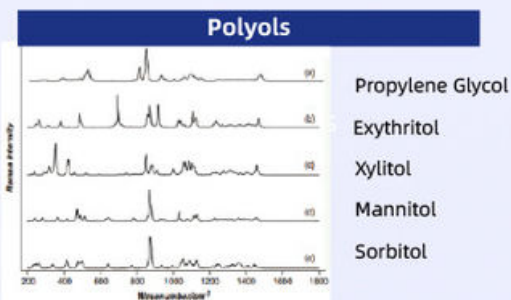
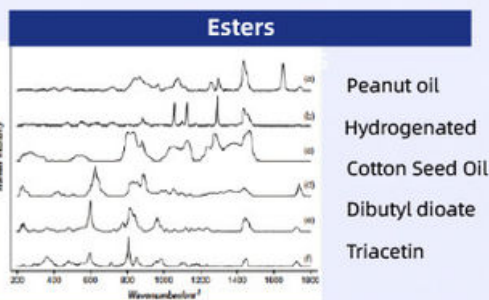
amino acids and their derivatives, enzymes and coenzymes, proteins, etc.

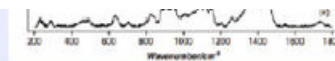
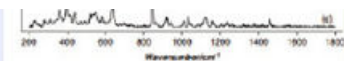
◆ Pigment excipients

carmine, carotene, curcuminchlorophyll, etc.

◆ Other polymer excipients

gelatin, microcrystalline cellulose, etc.





Carboxypropyl

- No sampling required -

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



Woven Bag



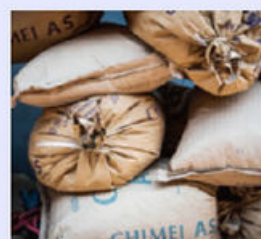
Plastic Packaging



Plastic Barrel



Plastic Barrel



Paper Packaging

- Wide application area -

Compact and lightweight, a single device can fulfill the requirements of multiple environments, including warehouses, material preparation rooms, and production workshops.



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



Exhibition



Certifications



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.



JINSP Company Ltd.



8618620854039



phoebeyu@jinsptech.com



spectralanalyser.com

21st Floor, Building D, Tsinghua Tongfang Science and Technology Plaza, Haidian District, Beijing China