IP68 Rated Handheld Raman Spectrometer for Dietary Supplements and Raw Materials Analysis

Our Product Introduction

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
- Function: Qualitative Identification Of Compounds
- Spectral Library: 20000
- Weight: 730g
- Survivability: IP68
- Highlight: **IP68 Handheld Raman Spectrometer**, **Raw Materials Analysis Raman Spectrometer**, **Dietary Supplements Analysis Raman Spectrometer**

More Images

Our Product Introduction

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Product Description

RS1500DI Handheld Raman Spectrometer

JINSP RS1500DI can perform 100% package-by-package inspection of both raw materials and packaging materials. It can quickly identify raw materials in warehouses, material preparationrooms, production workshops, etc., helping pharmaceutical companies to quickly release materials.

RS1500DI is compliant with relevant regulations such as FDA 21 CFR Part11 and GMP.
Because under 21 CFR part 111, dietary supplement manufacturers are required to use at least one appropriate test method to verify the identity of any component or excipient used in the manufacturing of a dietary supplement. Manufacturers are also required to confirm identity of all components to determine if applicable specifications are met.

Additionally, the regulation mandates that these manufacturers maintain detailed records of all tests conducted, including the methods used, the results obtained, and the identity of the personnel who performed the tests. These records must be kept for at least five years and be readily available for inspection by the Food and Drug Administration (FDA). The purpose of these stringent requirements is to ensure the safety and quality of dietary supplements, providing consumers with products that are correctly labeled and free from contaminants or adulterants.

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 ram materials;Pharmaceutical excipients;Packing materials;Biochemical raw materials;Pigment excipients
Result	Name,Property,Spectrum,MSDS,Result-report

Technical Features

► Quick response: identification can be completed within a few seconds
► Response quickly: the identification can be completed within a few seconds Non-destructive identification: direct detection through glass,woven bags,plastic and other packaging
►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 recognitionstrong specificity

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

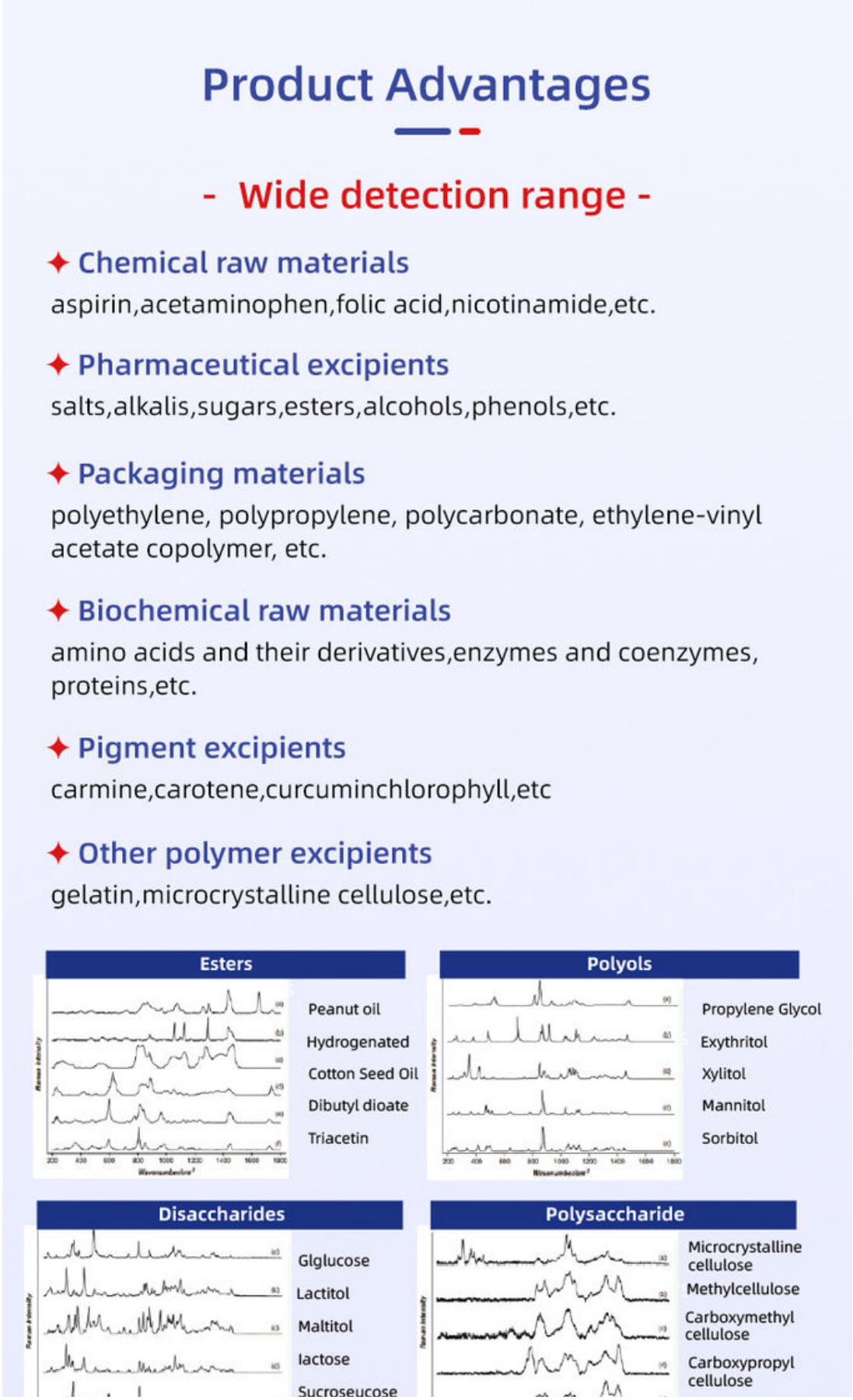
『 Identification accuracy 』

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.



- No sampling required -

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

Woven Bag

Plastic Packaging

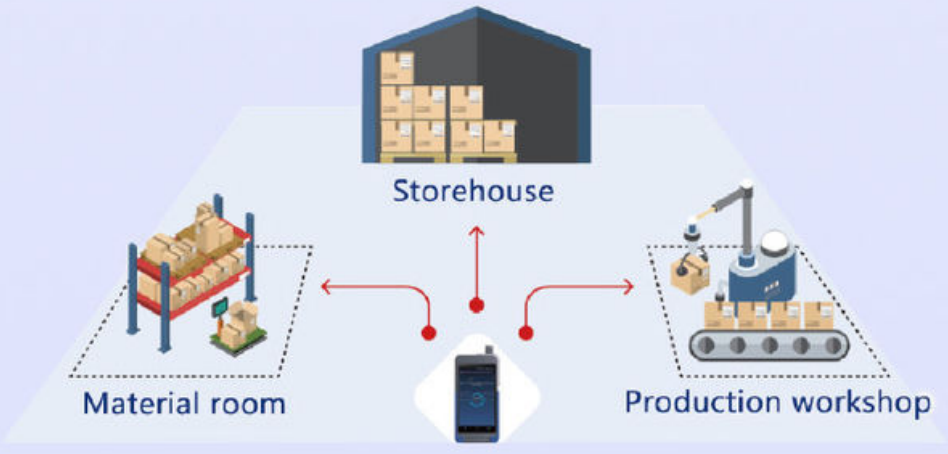
Plastic Barrel

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.



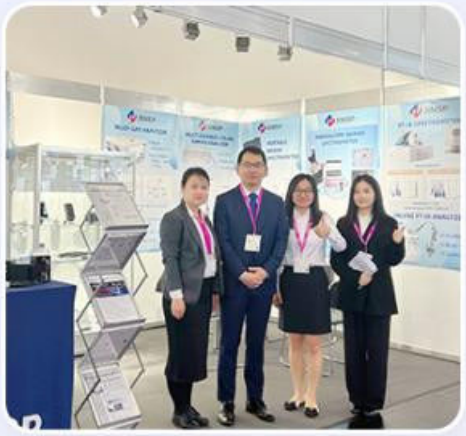
JINSP Company Limited, abbreviated as "JINSP", is a professional supplier with over 17 years of experience irspectral detection technology products, including Raman, FT-IR, LIBS technologies, etc. After 17 years of technology accumulation, the

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.

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