

## Portable Raman Spectrometer RS1500DI 1064nm Laser and 5" Capacitive Touch Screen for Pharmaceutical Industry QC QA Control

Our Product Introduction

for more products please visit us on [spectralanalyser.com](http://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: 90-120 working days
- Payment Terms: T/T, Western Union
- Supply Ability: 5PCS/90-120 days



### Product Specification

- Laser: 1064nm
- Spectral Bandwidth: 0.5 Cm-1
- Wavelength RepeatabilityInterface: 0.1 Cm-1
- Function: Qualitative Identification Of Compounds
- Touch Screen: 5" Capacitive Touch Screen
- Certification: CE & IP67 3Q FDA21 CFR Part11 GMP
- Highlight: **5" Capacitive Touch Screen Raman Spectrometer**  
**, 1064nm Laser Raman Spectrometer,**  
**Pharmaceutical Industry Raman Spectrometer**



### More Images



## RS1500DI Handheld Raman Spectrometer for pharmaceutical

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 preparation rooms, production workshops, etc., helping pharmaceutical companies to quickly release materials.

RS1500DI uses a unique 1064nm laser with a broad detection range, especially for amino acids, coenzymes, cellulose and other raw materials with strong fluorescent signals. Furthermore, RS1500DI is compliant with relevant regulations such as FDA 21 CFR Part11 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

- ▶ **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 recognition, strong 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.

## 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

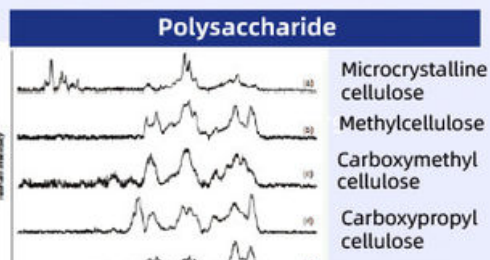
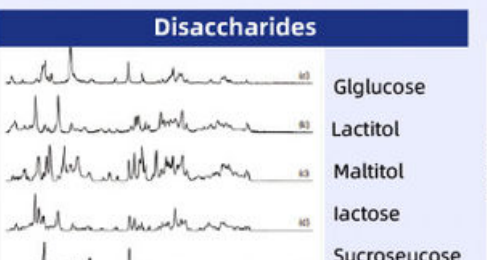
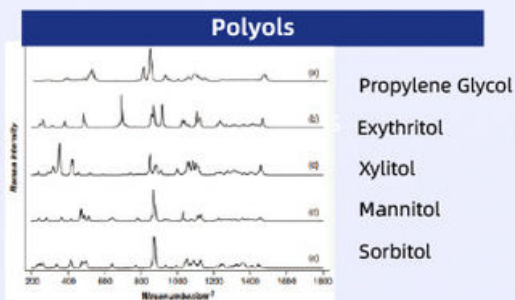
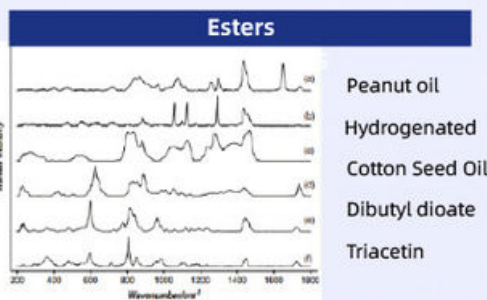
amino acids and their derivatives, enzymes and coenzymes, proteins, etc.

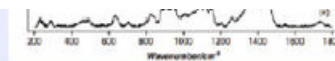
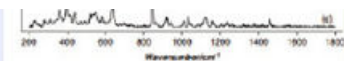
#### ◆ Pigment excipients

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



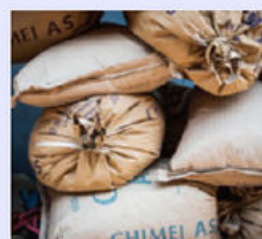
Plastic Packaging



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.



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. JINSP is a professional leading solution provider of molecular spectroscopy, particularly in Raman Spectroscopy for many years.

**Our products mostly include:**

--UV VIS NIR fiber optic spectrometers;

--Desktop/portable, online Raman analyzers for laboratory or industrial liquid & gas analysis;

--On-site rapid detectors/identifiers based on Raman technology for drugs, liquid, food safety, explosive & hazardous materials, pharmaceutical industry etc;

## 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