

Handheld Raman spectrometer

INOHRS-1064

Feature:

- 1064nm Excitation , Reduced Risk of Fluorescence Interference;
- Non-Destructive, Fast Detect & Identify, One-touch Operation;
- Advanced algorithm, mixture detection;
- HD 5.5" capacitive touch screen, smooth operation system;
- 13-mega Camera;
- Barcode & QR scan
- Precision GPS positioning;
- Multiple modes of 4G, GPS, GPRS, Bluetooth, WIFI
- Self-Built Spectral Library
- Test results report export pdf
- Built-in Li battery , standby times > 72hrs
- Lightweight (1150g) , easy-to-take
- IP-68

Application:

- Public Safety; Food Safety;
- Dangerous Chemicals Detect at High Speed Train, Metro Entrance
- APIs & Pharmaceutical Excipients;
- Gemstones & Materials ID, Mineral sorting
- Experimental Research;

Description:

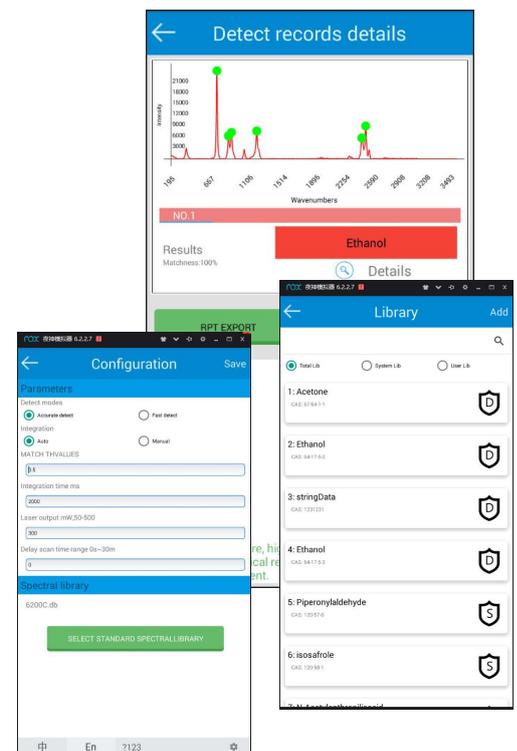
INOHRS-1064 is a set of 1064nm handheld Raman analyzer that is excel at fluorescence resistance suit to high fluorescence materials detection.

With compact size, lightweight (1150g), and easy-to-held, it can be widely applied to industries of customs, public safety, lab, plant, warehouse, deck etc. It can fast detect drugs, precursor chemicals, explosives, gemstones, raw materials, and also fast identify additives, residues of pesticide & veterinary drugs.

Excellent spectral identification algorithm are embedded in Handheld Raman spectrometers to easily identify substance, and enable users to add their own spectral data. It employs Android system , simple interface , 5.5" high definition screen,13-mega camera taking evidence pictures in the field, multiple modes of inbuilt WIFI, Bluetooth, GPS etc.

INNOVA provides full technical support and services, including spectral library building, method & verification, **IQ/OQ/PQ validation , 21CFR PART 11** etc.

Intelligent Mobile Set Available in Your Hand!



DataSheet

INOHRS-1064 System			
Feature	Excel at Fluorescence Resistance		
Operate System	Android		
Excitation Wavelength	1064 ± 0.5nm		
Wavenumber Range	200-2500 cm-1		
Resolution	10 cm-1		
Touch Screen	5.5", 1920×1080, Multi-point touch control		
Detector	TE cooled InGaAs		
Size	220×110×45mm		
Weight	1150g		
Interface	WIFI, USB Type-C, Bluetooth, GSM		
Model & Library	Item	Spectral Library	Application
	INOHRS-1064	Self-built Spectral Library	Scientific Research
	INOHRS-1064-DH	Narcotics drugs: Heroin, Cocaine, Metamfetamine, Ketamin... Precursor: (-)-ephedrine, Chloroform, Diethyl ether... Explosives: TNT,RDX,TATP, Ammonium nitrate... Hazardous chemicals: Sulfate, Gasoline, Nitric acid, Toluene... Food Safety: Illegal food additives, residues of pesticide, veterinary drugs	Police Customs Metro Court Prison Public Safety
	INOHRS-1064-PH	APIs, excipients...	Pharmaceutical Factory
	INOHRS-1064-GM	Gemstones: Diamond, Agate, Emerald...	Gemstones
	INOHRS-1064-IN	Chemicals, Plastics, Rubber, Polymer, Synthetics	Industrial Application
	INOHRS-1064-FTN	REMIFENTANIL, Brifentanil, Lofentanil, Trefentanil, Ocfentanil, Carfentanil, alfentanil, Mirfentanil, D5 FENTANYL-D5, ALFENTANIL HYDROCHLORIDE, SUFENTANIL CITRATE, Fentanyl Citrate, over 40 categories	Public Station
Export Report	Test results report export pdf, txt including detect result, spectral info, evident pictures		
Battery	standby times >72hrs		
Charging Type	USB Type-C		
Operating	-20 – 50 °C		