

1064nm Handheld Raman

ATR6600

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-54 and IP-68
- Tunable Power, Maximum 500 mW

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:

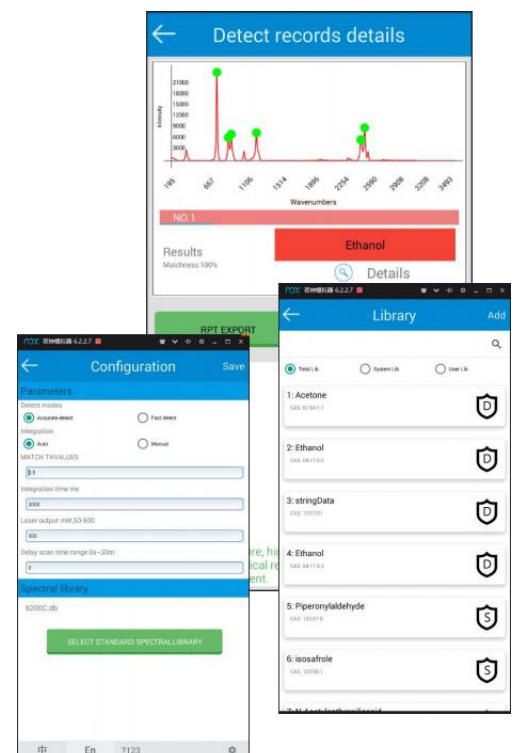
ATR6600 is a set of 1064nm handheld Raman analyzer that is excel at fluorescence resistance suit to high fluorescence materials detection.

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.

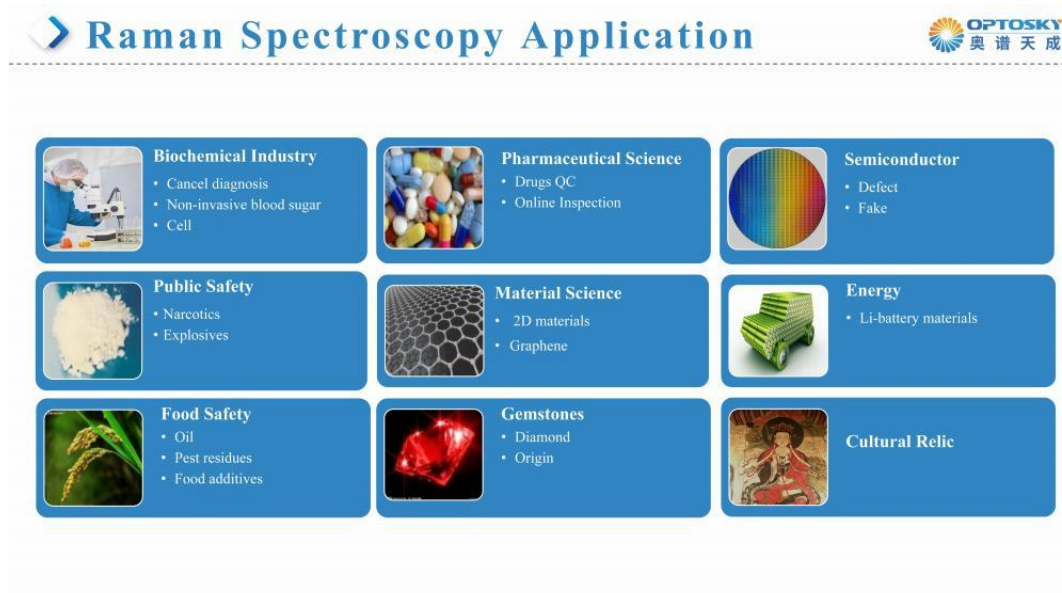
Optosky provides full technical support and services, including spectral library building, method & verification, IQ/OQ/PQ validation , 21CFR PART 11 etc.

Intelligent Mobile Set Available in Your Hand!

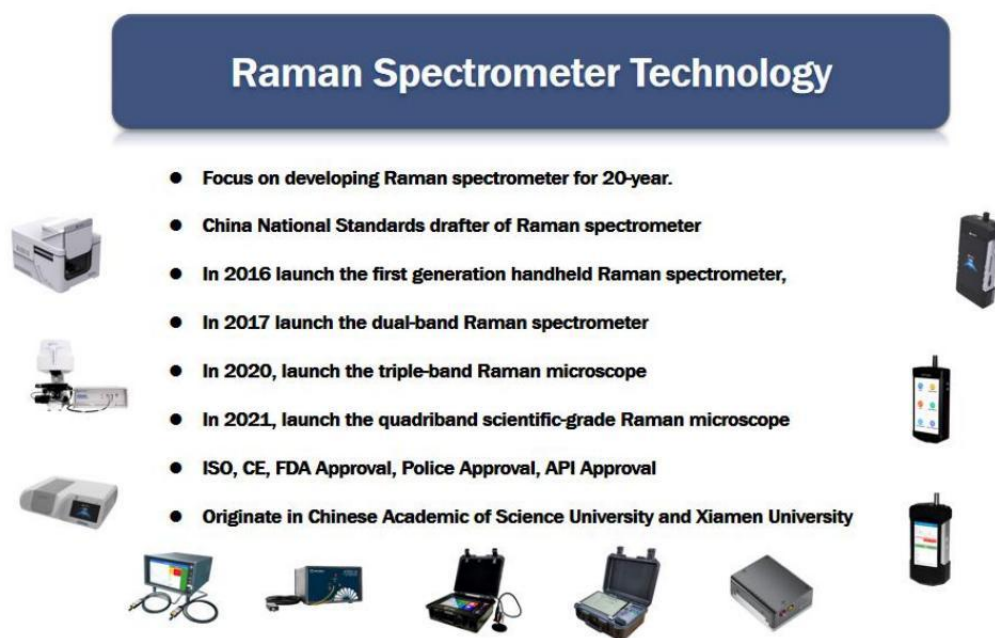


ATR6600 System			
Feature	Excel at Fluorescence Resistance		
Operate System	Android		
Excitation Wavelength	1064 ± 0.5nm		
Wavenumber Range	200-2500 cm-1		
Resolution	10 cm-1		
Touch Screen	5.5", 1920×1080, Multi-point touch control		
Detector	TE cooled InGaAs		
Size	220×110×45mm		
Weight	1150g		
Interface	WIFI, USB Type-C, Bluetooth, GSM		
Model & Library	Item	Spectral Library	Application
	ATR6600	-Basic model; -With 2500+ Library database;	Scientific Research OEM
	ATR6500-G	-With 20000+ library database	Most application scenarios
	ATR6600PH	-Comply with FDA 21CFR Part 11 and GMP regulations. -Provide comprehensive technical support services for method development, validation, and 3Q certification. -No extra fee if only 3Q certification before shipping. -- With 2500+ Library database;	Pharmaceutical Factory
	ATR6500PH-G	--Comply with FDA 21CFR Part 11 and GMP regulations. -Provide comprehensive technical support services for method development, validation, and 3Q certification. -No extra fee if only 3Q certification before D8shipping. --With 20000+ library database	Pharmaceutical Factory
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 Temperature	-20 – 50 °C		

1 Application & Advantages

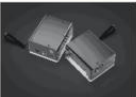


2 Optosky Raman Technology Milestones



2 Optosky Raman Spectrometer Milestones

3 Raman Spectrometers Family

Microscope		Benchtop		Handheld		Exclusive							
	Confocal Raman Microscope ATR8800		Detachable Confocal Raman Microscope ATR8700		Compact Confocal Raman Microscope ATR8600		Raman Microscope ATR8500		High-Res. Raman Microscope ATR8300Pro		Raman Microscope ATR8300		Raman Microscope ATR8100
    				    									
    													

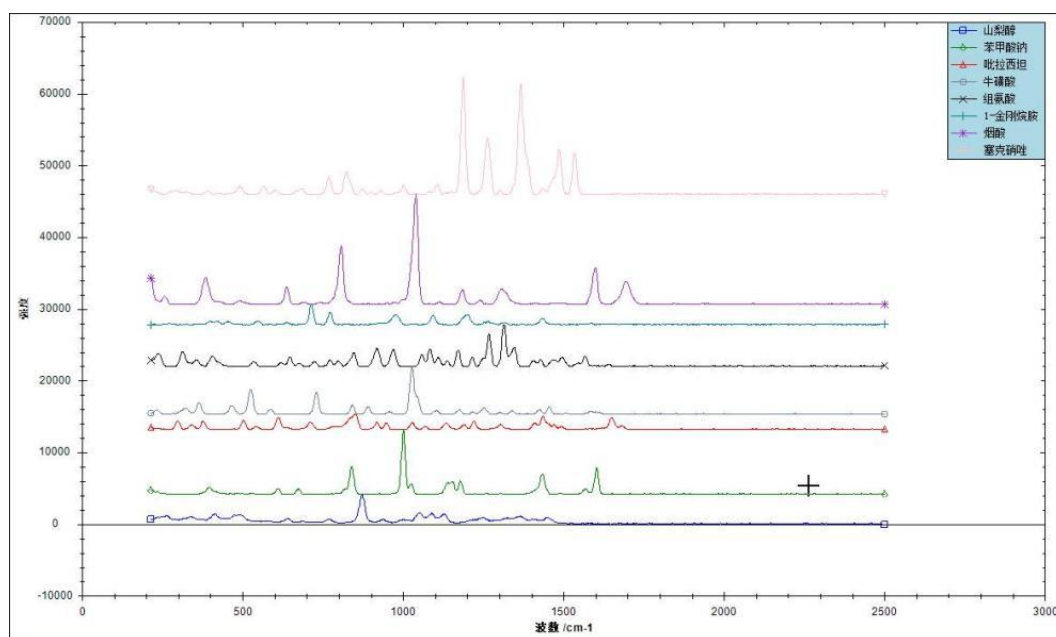
Raman

Spectrometers

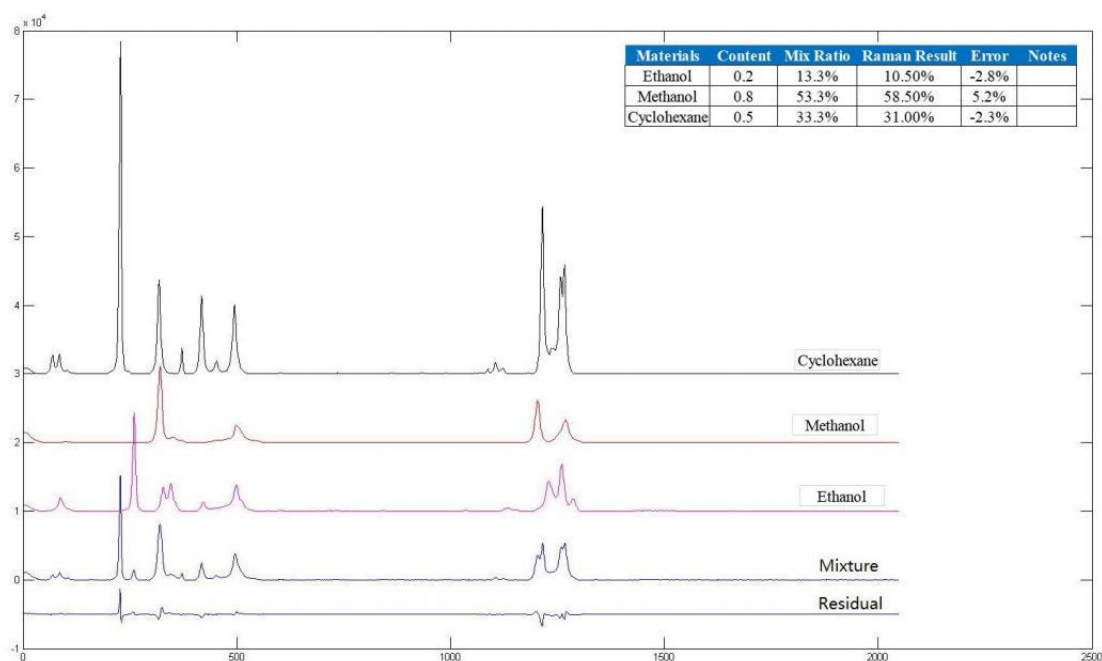
Features:

- Top Raman spectrometer brand
- The widest Raman series
- The miniature Raman device
- Fastest 1064 Handheld Raman

4 ATR6600 Spectra Example



4 ATR6600 measured Spectra of Sorbitol, Sodium Benzoate, Piracetam, Taurine, Histidine, Amantadine, Niacin, Secnidazole



5 ATR6600 Mixture Spectra