

1064nm Handheld Raman DTR6600

Features

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 continuous operation 4-6hrs

Lightweight (1150g), easy-to-take

IP-68

Application

Public Safety; Food Safety;

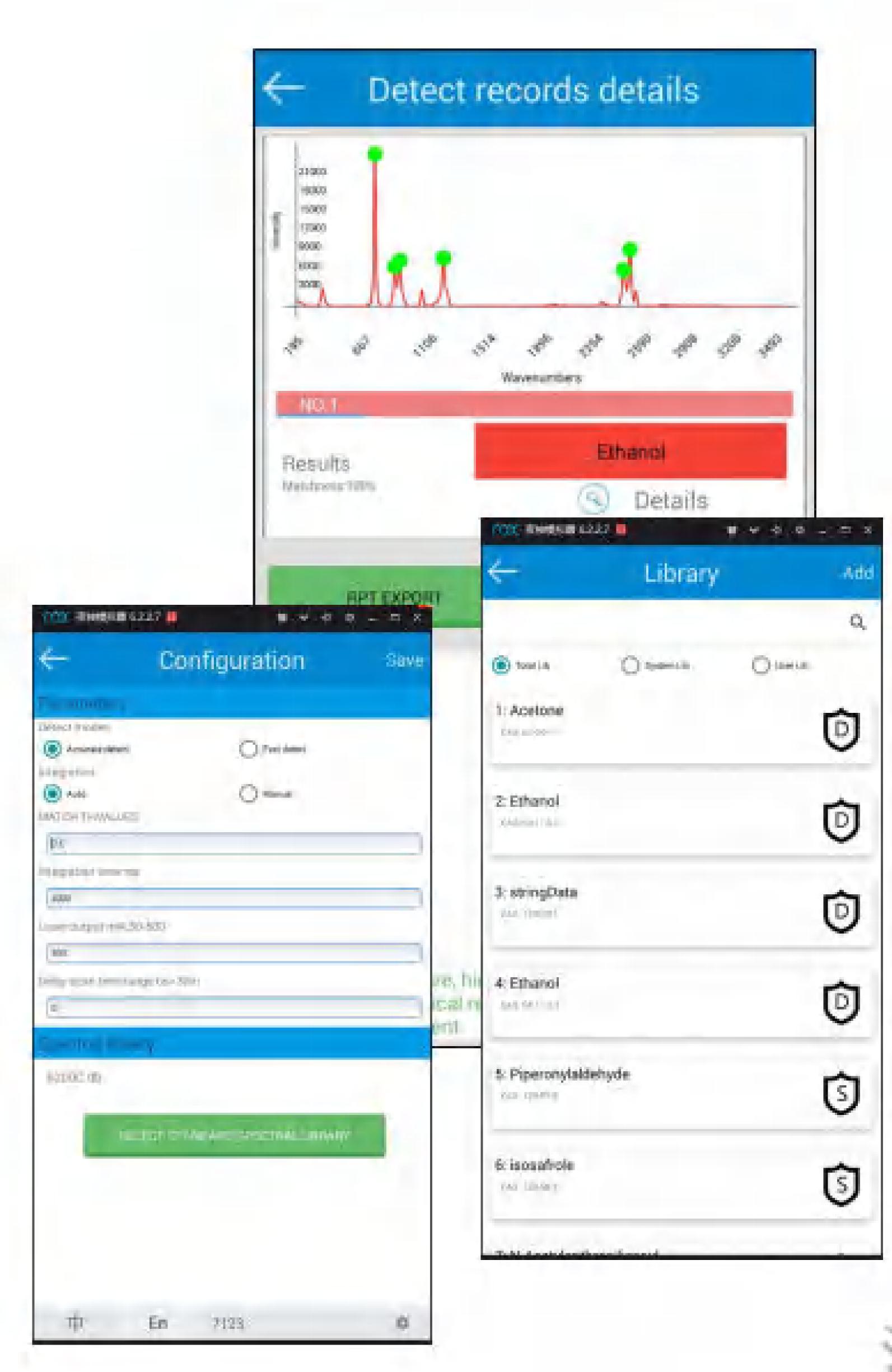
Dangerous Chemicals Detect at High Speed Train, Metro Entrance

APIs & Pharmaceutical Excipients;

Gemstones & Materials ID, Mineral sorting

Experimental Research;





Description

DTR6600 is a set of 1064nm handheld Raman analyzer that is excel at fluorescence resistance suit to high fluorescence materials detection.

With compact size, lightweight (1150kg), 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.

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

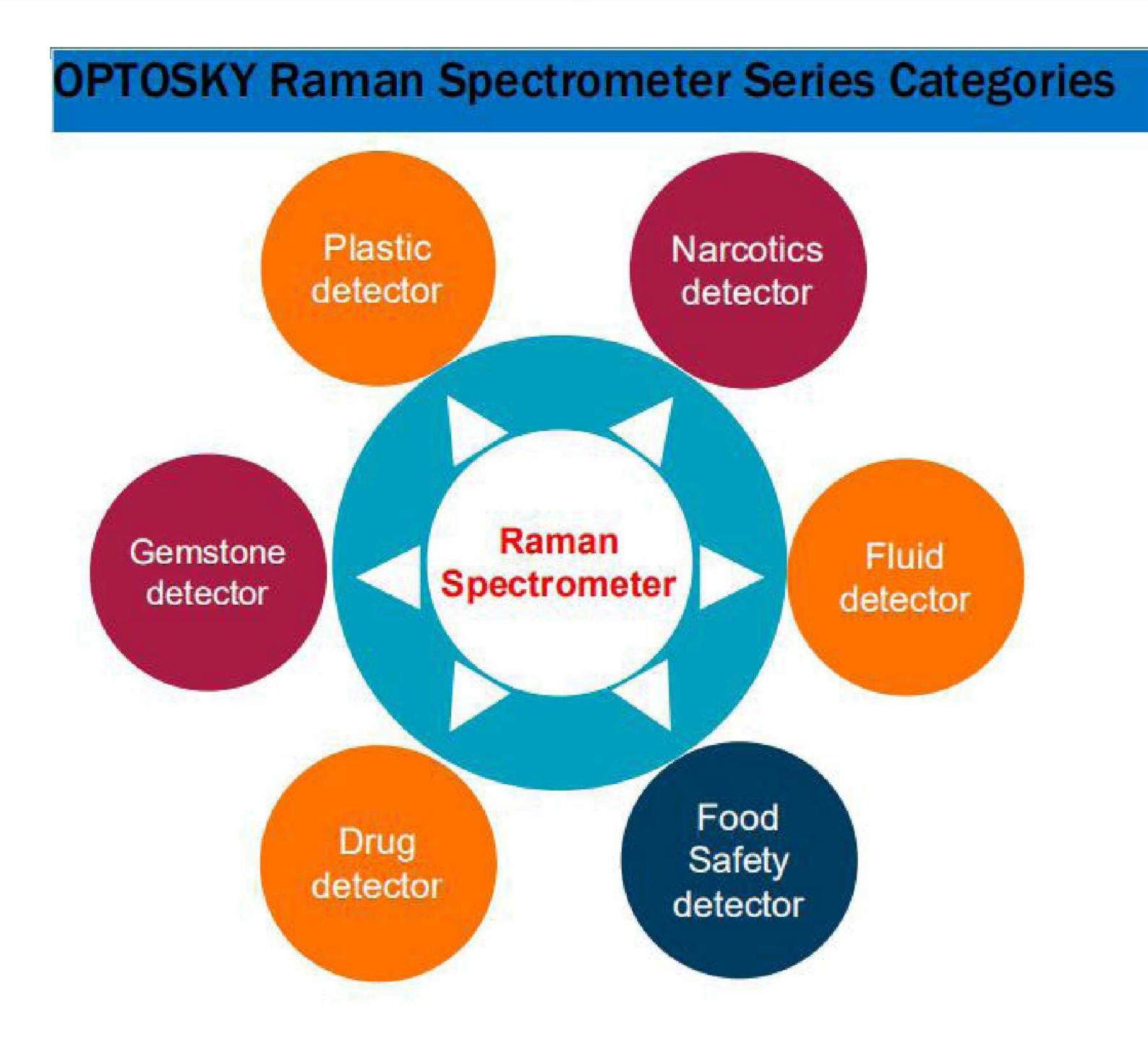
Intelligent Mobile Set Available in Your Hand!



Parameters

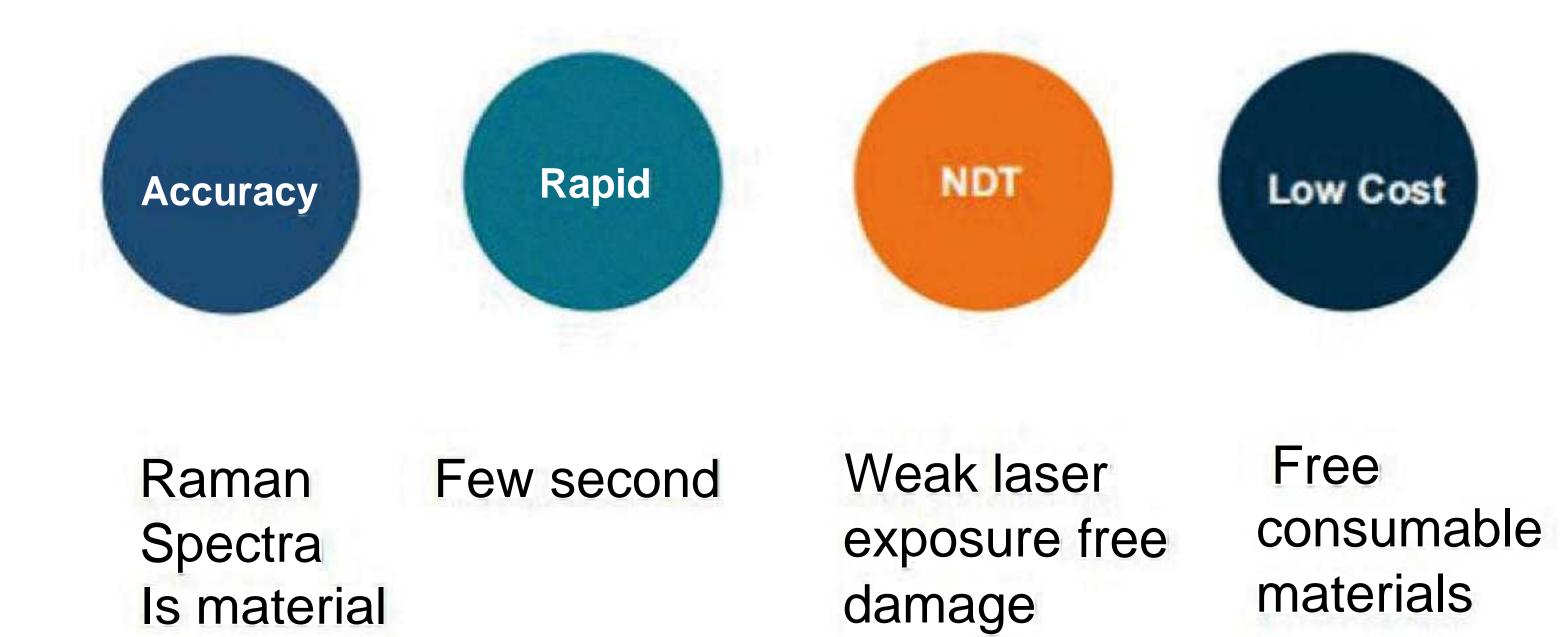
DTR6600	System				
Feature			Excel at Fluorescence Resistance		
Operate S	ystem		Android		
Excitation	Wavelength		1064 ± 0.5 nm		
Wavenum	ber Range		200-2500 cm-1		
Resolution			8-12cm-1		
Touch Scr	een		5.5", 1920x1080, Multi-point touch control		
Detector			TE cooled InGaAs		
Size			220x110x45mm		
Weight			H50g		
Interface			WIFI, USB Type-C, Bluetooth, GSM		
Export Re	port		Test results report export pdf, txt including detect result, spectral info, evident picture		
Battery			4-6 hour continuous operation		
Charging	Type		USB Type-C		
Operating			-20 - 50°C		
	Item	Spectra	al Library	Application	
	DTR6600	Self-bu	ilt Spectral Library	Scientific Research	
		Narcot	ics drugs: Heroin, Cocaine, Metamfetamine, Ketamin	Police	

	Item	Spectral Library	Application
	DTR6600	Self-built Spectral Library	Scientific Research
Model & Library	DTR6600DH	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
	DTR6600PH	APIs, excipients	Pharmaceutical Factory
	DTR6600GM	Gemstones: Diamond, Agate, Emerald	Gemstones
	DTR6600IN	Chemicals, Plastics, Rubber, Polymer, Synthetics	Industrial Application
	DTR6600FTN	REMIFENTANIL, Brifentanil, Lofentanil, Trefentanil, Ocfentanil, Carfentanil, alfentanil, Mirfentanil, D5 FENTANYL-D5, ALFENTANIL HYDROCHLORIDE, SUFENTANIL CITRATE, Fentanyl Citrate, over 40 categories	Public Station

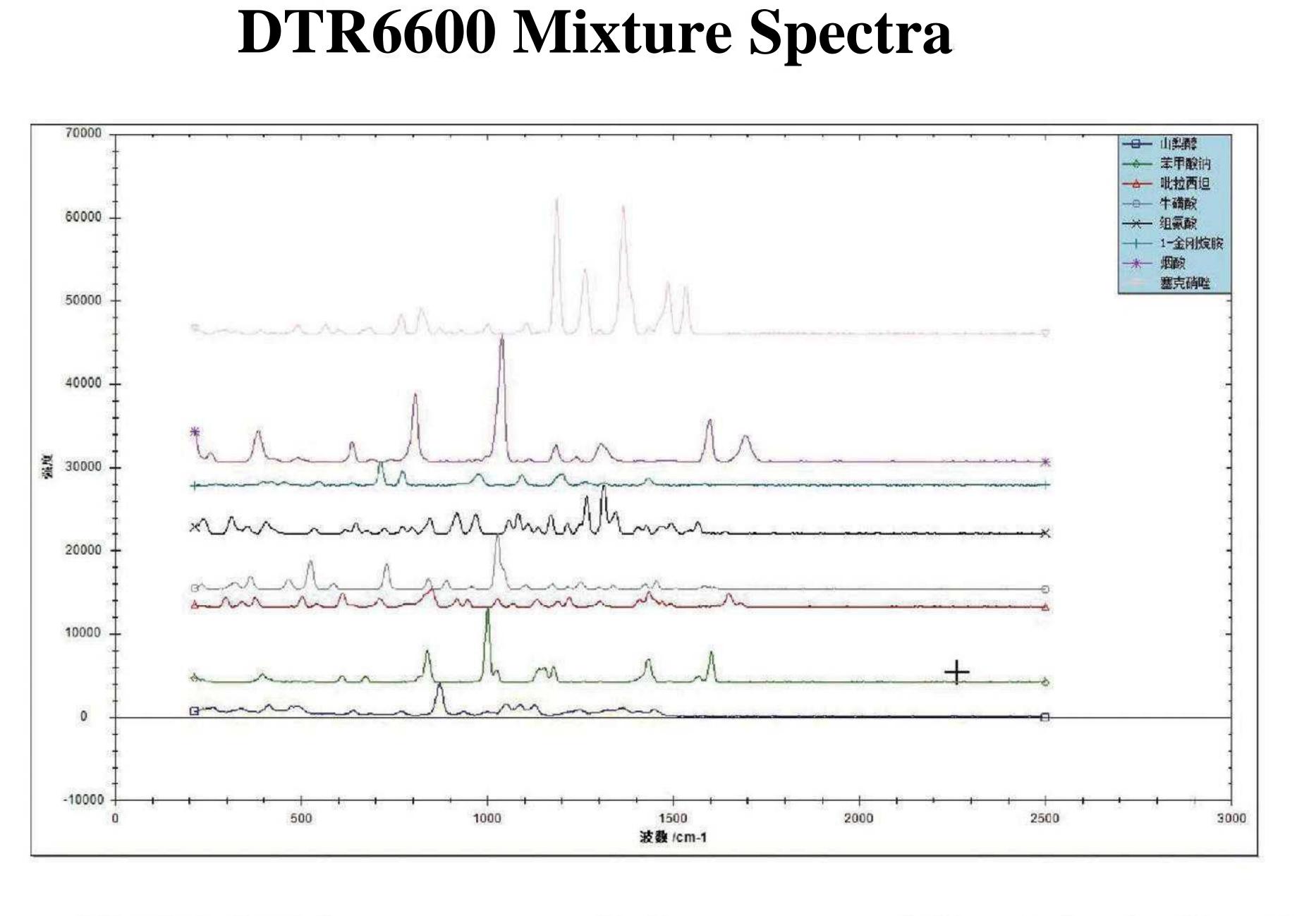


Raman
Application
& Advantages

Advantages of Raman Spectrometer







 Materials
 Content
 Mix Ratio
 Raman Result
 Error
 Notes

 Ethanol
 0.2
 13.3%
 10.50%
 -2.8%

 Methanol
 0.8
 53.3%
 58.50%
 5.2%

 Cyclohexane
 0.5
 33.3%
 31.00%
 -2.3%

Cyclohexane

Mixture

DTR6600 measured Spectra of Sorbitol, Sodium Benzoate, Piracetam, Taurine, Histidine, Amantadine, Niacin, Secnidazole

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