

# 1064nm Handheld Raman Analyzer DTR6600Pro

### Features

♦ 1064nm Fluorescence resistance; Non-Destructive, Fast Detect & Identify,

One-touch Operation;

Advanced algorithm, mixture detection; FID 5.5" Capacity touch screen, smooth

operation system;

13 -mega Camera;

Barcode & QR scan Precision GPS positioning;

Multiple modes of 4G, GPS, GPRS, Bluetooth, WTFT

Self-Built Spectral Library

Test results report export pdf

Built-in Li battery continuous operation 4-6hrs

Lightweight (950g), easy-to-take

IP-67

## Application

Public Safety; Food Safety;

Dangerous Chemicals Detect at High Speed Train, Metro Entrance

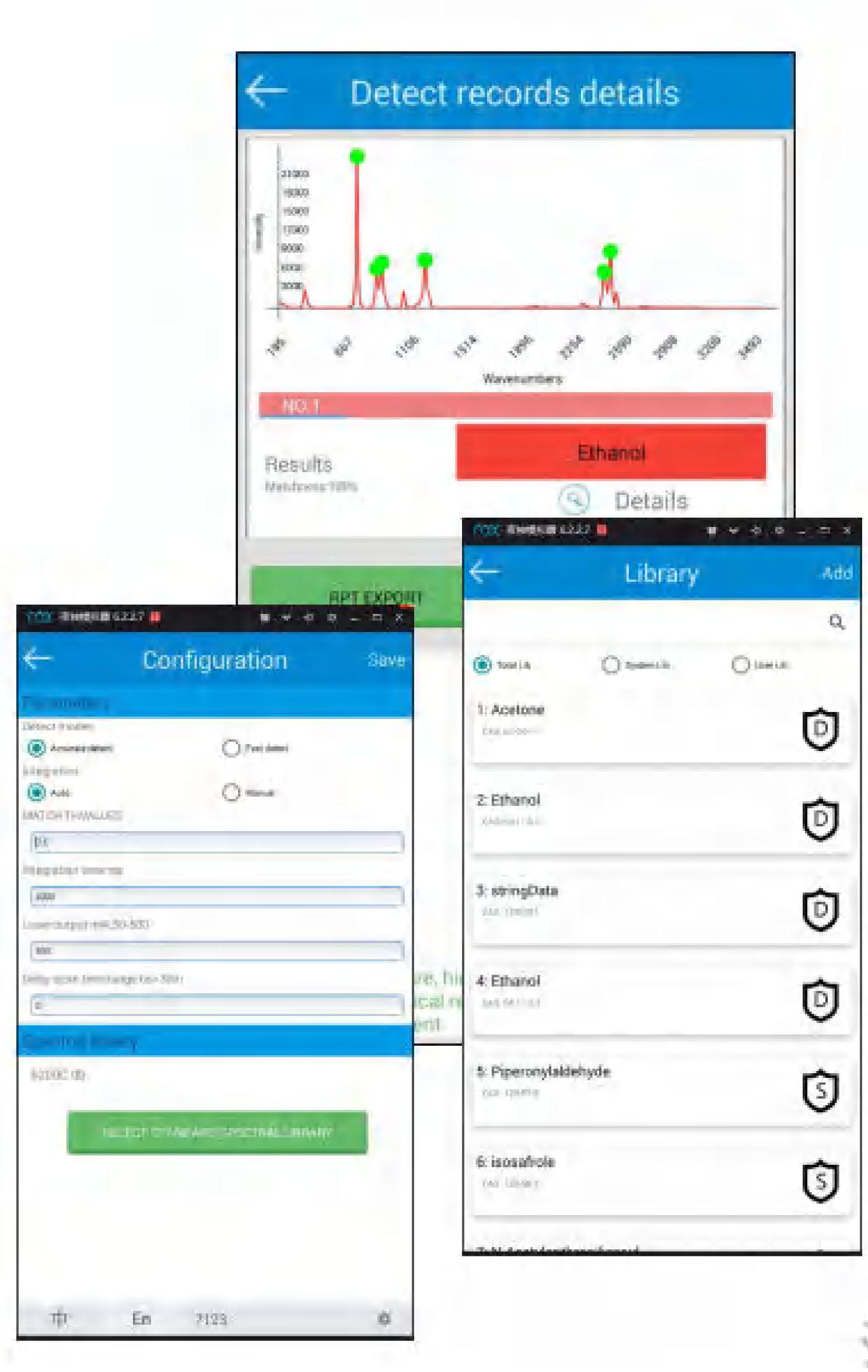
APIs & Pharmaceutical Excipients;

Gemstones & Materials ID, Mineral sorting

Experimental Research;

Antique authentication;





### Description

The DTR6600Pro is the 5th generation of 1064nm handheld Raman analyzer based on the 20-year experience in developing Raman system. The DTR6600Pro uses free-space technology, high throuphput optical circuit structure and signal processing technology, which improve the scan speed as fast as 4 times.

The compact size make it less than 900g convenient to take to any field to perform Fast ID.

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.



### Parameters

DTR6600	System				
Feature			Excel at Fluorescence Resistance		
Operate System			Android		
Excitation Wavelength			1064 dr 0.5nm		
Wavenumber Range			200-2500 cm-1		
Resolution			8-15cm-1		
Touch Screen			5.5", 1920x1080, Multi-point touch control		
Detector			TE cooled InGaAs		
Size			220x110x45mm		
Weight			950g		
Interface			WIFI, USB Type-C, Bluetooth, GSM		
Export Report			Test results report export pdf, txt including detect result, spectral info, evident pict		
Battery			4-6 hour continuous operation		
Charging Type			USB Type-C		
Operating Temperature			-20 - 50°C		
	Item Spectra		al 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, D5FENTANYL-D 5, ALFENTANIL HYDROCHLORIDE, SUFENTANIL CITRATE, FentanylCitrate, over 40 categories		Public Station	

### Raman Application & Advantages

# Plastic detector Raman Spectrometer Series Categories Raman Spectrometer Pluid detector Prug detector Food Safety detector

# Advantages of Raman Spectrometer

