

TacticID®-GP

All-Inclusive Handheld Raman for Identification of Explosives, Hazmat, Narcotics & More



The TacticID®-GP is a field-ready handheld spectral analysis instrument designed for non-contact forensic analysis by a variety of safety personnel and first responders, including law enforcement personnel, bomb squads, customs and border patrol, hazmat technicians, and more. The TacticID-GP utilizes proven Raman spectroscopy, allowing users to get real-time actionable identification of unknown chemicals, explosives, narcotics, pharmaceutical drugs and many other substances while reducing operational uncertainty and response time.

Key Features

Customized Libraries:

Add user-created library items quickly & easily to stay one step ahead of emerging threats.

Critical Component Mixture ID:

Able to identify components and threat level within a mixed sample.

Indirect Contact Analysis:

Increase user safety by scanning directly through plastics, bottles & other translucent packaging materials.

Wi-Fi Connectivity:

Manage data, send results, update software/libraries & more through secured wireless connection.

Touch Screen Quick Notes:

Add custom notes to a scan result anytime, anywhere with the touch screen interface.

TOS Remote™:

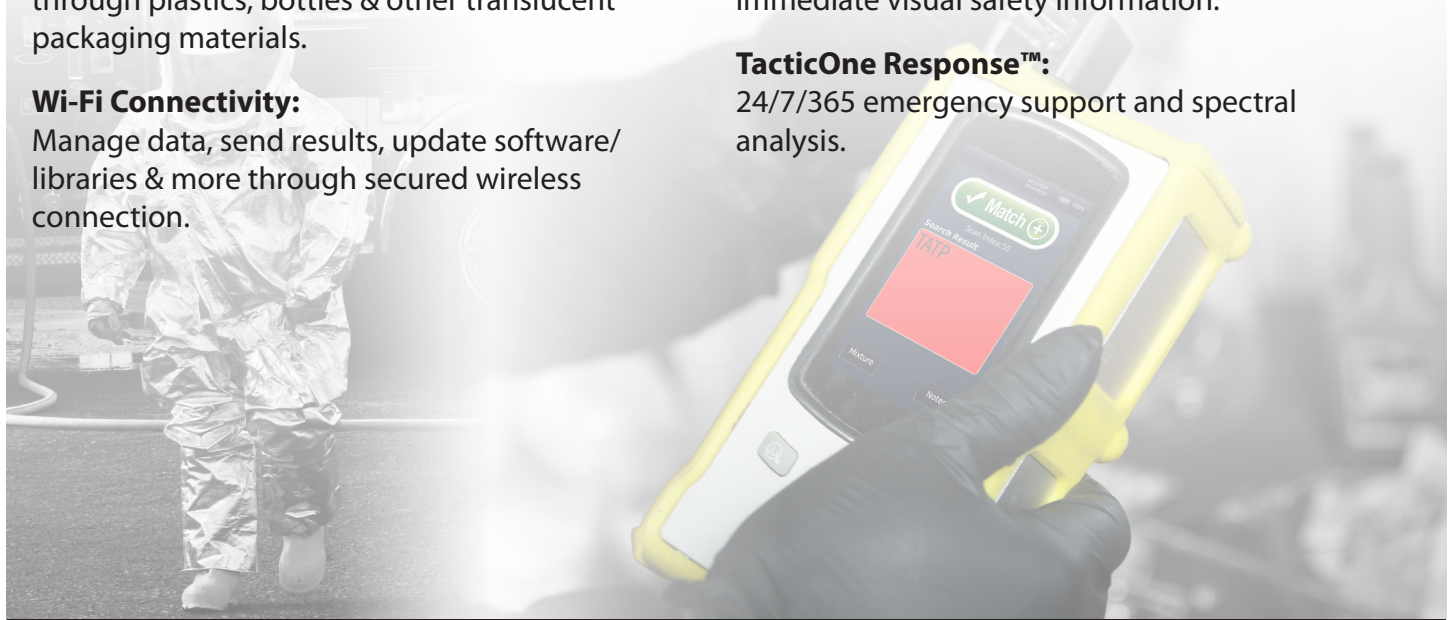
Optional tablet computer accessory with GPS and camera for remote operation via Wi-Fi.

Color-Coded Result Screens:

Red, Orange and Green result screens provide immediate visual safety information.

TacticOne Response™:

24/7/365 emergency support and spectral analysis.



Specifications

Excitation Wavelength	785 nm
Laser Output Power	300 +/- 30 mW at 100%, adjustable in 10% increments
Spectral Range	176 cm ⁻¹ to 2900 cm ⁻¹
Spectral Resolution	~ 9 cm ⁻¹ @ 912 nm
Detector Type	Linear CCD Array
Display	High Brightness & High Resolution Touch Screen
Software	TacticID OS (Embedded), & TacticID Software (PC)
Data Formats	.txt, .csv, .spc, .pdf
Libraries	Narcotics, Explosives*, Pharmaceutical Drugs, Cutting Agents, Precursors, Toxic & Common Chemicals, and More
Connectivity	Ethernet, Wi-Fi, & USB Compatible
Battery	Rechargeable Li-ion, >5 hrs Continuous Operation or CR123 battery option
AC Adapter	DC 18 V, 1.67 A
Weight	~ 2 lbs (0.9 kg)
Size	7.5 in x 3.9 in x 2.0 in (19 cm x 10 cm x 5 cm)
Operating Temperature	-20°C to +50°C
Storage Temperature	-30°C to +60°C
Protection	IP65
Languages	English, Spanish, Chinese, Japanese, Arabic, Korean, Polish, Russian, French

**Note: This item may be subject to Export control to some territories.*

TacPac™ Adaptor

The optional TacPac adaptor allows for simple and accurate identification of heroin, fentanyl, synthetics and other traditionally difficult Raman samples using Surface Enhanced Raman Spectroscopy (SERS).



Sampling Accessories

Included are the point-and-shoot adaptor, liquid vial holder and right angle adaptor for quick throughput sampling without disturbing the substance. The optional TacPac adaptor is used for low dose sample measurement. A Polystyrene Validation cap is also included.

