



TacticID®-N

Handheld Raman Analyzer for Narcotic and Pharmaceutical Drug Identification



The TacticID®-N is a field-ready handheld instrument specifically designed for non-contact forensic analysis of narcotics, pharmaceutical drugs, cutting agents and precursors by law enforcement personnel. The TacticID-N utilizes laboratory-proven Raman spectroscopy, which allows users to obtain actionable identification of illicit substances without ever compromising the integrity of the sample or the chain of evidence.

The TacticID-N comes standard with a comprehensive library of over 1,000 substances. Additionally, users have access to frequent library updates in order to continuously maintain up-to-date identification capabilities and stay ahead of emerging narcotics.

Key Features

Advanced Mixture Analysis:

Highly detailed mixture analysis capabilities utilizing chemometric algorithms delivering up to 10 results per scan.

Narcotics Library:

The industry's largest on-board library of narcotics and pharmaceutical drugs.

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.

Remote Tablet Operation:

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



Specifications

Excitation Wavelength	785 nm
Laser Output Power	300mW Max, 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, Pharmaceutical Drugs, Cutting Agents, Precursors
Connectivity	Ethernet, Wi-Fi, & USB Compatible
Battery	Rechargeable Li-ion, >5 hrs Continuous Operation or Surefire 123 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

TacPac™ Adaptor

The included TacPac adaptor allows for simple and accurate identification of street heroin and other traditionally difficult Raman samples. The adaptor uses Surface Enhanced Raman Spectroscopy (SERS), which is a state-of-the-art identification technique that provides global law enforcement users with a new tool in the fight against challenging samples including heroin and fentanyl.



Sampling Accessories

In addition to the TacPac adaptor, the TacticID-N can use multiple other accessories. The included point-and-shoot adaptor is versatile for many situations and included vial holder is ideal for liquid samples. The optional right angle adaptor is ideal for quick throughput sampling without moving samples and for remote operation. Also included is a Polystyrene Validation cap for validation testing.



Point & Shoot



Vial Holder



Polystyrene Validation



Right Angle Adaptor



TacPac Adaptor

