

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 periodic library updates in order to continuously maintain up-to-date identification capabilities and stay ahead of emerging narcotics.

Key Features

Critical Component Mixture ID:

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

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.

TOS Remote™:

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

Color-Coded Result Screens:

Red, Yellow 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	TactiD OS (Embedded), & TactiD Software (PC)
Data Formats	.txt, .csv, .spc, .pdf
Libraries	Narcotics, Pharmaceutical Drugs, Cutting Agents, and Precursors
Connectivity	Ethernet, Wi-Fi, & USB Compatible
Battery	Rechargeable Li-ion, >10 hrs Continuous Operation or CR123 battery option
AC Adapter	DC 18 V, 1.67 A
Weight	~ 2.2 lbs (~1.0 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

TacPac™ Adaptor

The included 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

In addition to the TacPac adaptor, the included point-and-shoot adaptor and liquid vial holder are versatile for many situations and sample types. The optional right angle adaptor is ideal for quick throughput sampling without disturbing the substance. A Polystyrene Validation cap is also included for a quick system check.



Point & Shoot



Vial Holder



Polystyrene Validation



Right Angle Adaptor



TacPac Adaptor

