

## TacticID<sup>®</sup>-N

### Handheld Raman Analyzer for Narcotic and Pharmaceutical Drug Identification



The TacticID<sup>®</sup>-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, Orange and Green result screens provide immediate visual safety information.

#### TacticOne Response™:

24/7/365 emergency support and spectral analysis.

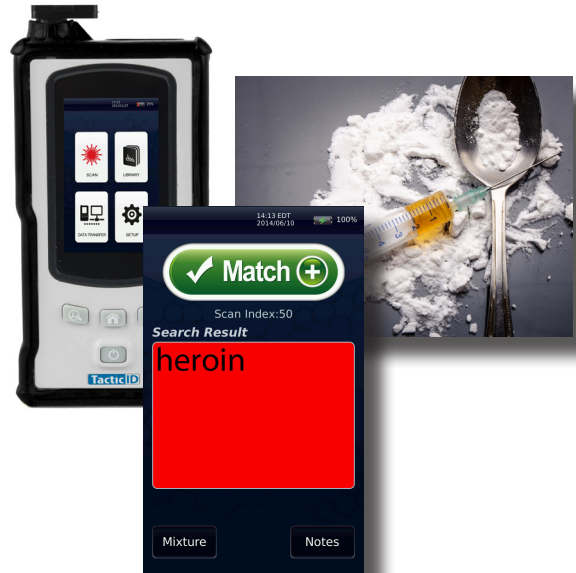


## Specifications

Excitation Wavelength	785 nm
Laser Output Power	300 +/- 30 mW at 100%, adjustable in 10% increments
Spectral Range	176 cm <sup>-1</sup> to 2900 cm <sup>-1</sup>
Spectral Resolution	~ 9 cm <sup>-1</sup> @ 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, >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

## 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.



Point & Shoot



Vial Holder



Polystyrene Validation



Right Angle Adaptor



TacPac Adaptor

