

Raman Solution

## 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 nearly 1,000 illicit substances including narcotics, pharmaceutical drugs, precursors and cutting agents. 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.

#### Non-Contact Analysis:

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

#### WiFi 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:

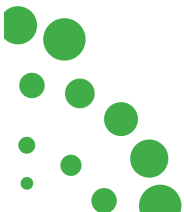
Optional tablet computer accessory for remote operation via WiFi.



### Applications

#### Non-Destructive Narcotic Drug Identification

#### Verification and Identification of Pharmaceutical Drugs



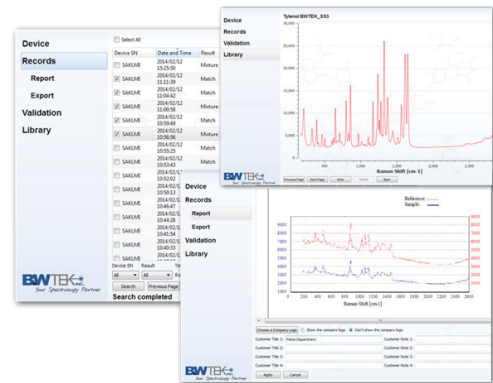
## Specifications

Excitation Wavelength	785nm
Laser Output Power	300mW Adjustable in 10% Increments (30 - 300mW)
Spectral Range	176cm <sup>-1</sup> to 2900cm <sup>-1</sup>
Spectral Resolution	~ 9cm <sup>-1</sup> (FWHM)
Detector Type	Linear CCD Array
Display	High Resolution Touch Screen
Software	TacticID OS (Embedded), & TacticID Software (PC)
Data Formats	.txt, .csv, .spc
Libraries	Narcotics, Pharmaceutical Drugs, Cutting agents, Precursors
Connectivity	Ethernet / Wi-Fi
Battery	Rechargeable Li-ion, >5 hrs Continuous Operation
AC Adapter	Output: 15 - 19V DC @ 1.5 A
Weight	< 2 lbs (0.9 kg)
Size	7.48in x 3.93in x 1.97in (19cm x 10cm x 5cm)
Operating Temperature	-20°C to +40°C
Storage Temperature	-30°C to +60°C
Protection	IP65

## Software

The TacticID-N comes standard with B&W Tek's proprietary TacticID Operating System (TOS) installed within the unit, which allows for identification, library and data storage/transfer. The TacticID software (TID) is designed for use on PCs for data and report management, allowing customers to export data and generate reports.

Additionally, the TacticID-N provides Wi-Fi synchronization capabilities with network terminals in order to optimize time and resources. TacticID OS is also capable of data and results transfer as well as easy library export.



## Sampling Accessories

The TacticID-N can use multiple sampling accessories to provide users with a high degree of flexibility. The point-and-shoot adapter is versatile for many situations while the included vial holder adapter is ideal for liquid samples. Also included is a polystyrene standard cap for verification testing.



Point & Shoot



Vial Holder



Polystyrene Standard

