

TacticID®-1064

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



The TacticID®-1064 is a field-ready handheld spectral analysis instrument designed for non-contact forensic analysis by safety personnel and first responders, including law enforcement personnel, bomb squads, customs and border patrol, hazmat technicians, and more. The TacticID-1064 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. By utilizing the 1064nm wavelength, the TacticID-1064 avoids fluorescence, allowing users to get results in less than 1 minute even when working with tough street samples.

Key Features

Customized Libraries:

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

Nondestructive Analysis:

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

Critical Component Mixture ID:

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

On-board Camera:

Take photos at the scene and record any sample info using the onboard camera; photos and notes are included in the test report.

Connectivity:

Manage data, send results, update software/libraries and more through USB or secured wireless Bluetooth or Wi-Fi connection.

Safety Info on Screen:

GHS and NFPA704 safety information displays in addition to red, yellow and green result screens provide immediate visual safety information.

Touch Screen Quick Notes:

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

TacticOne Response®:

24/7/365 emergency support and spectral analysis.



Specifications

Excitation Wavelength	1064 nm +/-0.5nm
Laser Output Power	420 +/- 30 mW at 100%, adjustable in 10% increments
Display	High Brightness & High Resolution Touch Screen
Software	TOS EX (Embedded), & TID EX Software (PC)
Data Formats	.txt, .csv, .spc
Libraries	Narcotics, Explosives*, Pharmaceutical Drugs, Cutting Agents, Precursors, Toxic & Common Chemicals, CWAs*, and More (third party libraries supported)
Connectivity	Bluetooth, Wi-Fi, & USB
Battery	Rechargeable Li-ion, >4 hrs continuous operation
Weight	~ 3.4 lbs (1.545 kg)
Size	9.8 x 4.3 x 2.4 in (250 x 110 x 60 mm)
Operating Temperature	-10°C to +50°C
Protection	IP68 (MIL STD 810g drop and waterproof tested)

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

Operation:

Easy, touch screen operation or optionally navigate via hardware buttons. Directly write reports to USB or synchronize results to secure database wirelessly or via USB. Detailed reports with results, measurement details, user notes and photos.

Sampling Accessories

Included standard with the TacticID-1064 are the point-and-shoot adaptor, liquid vial holder, polystyrene validation cap for system testing, and a right angle adaptor for hands-free measurement.



Point & Shoot



Vial Holder



Polystyrene Validation



Right Angle Adaptor