

TacticID®-GP

All-Inclusive Handheld Analyzer for Hazmat, Explosives, Narcotics and More



The TacticID®-GP is a field-ready handheld instrument designed for non-contact forensic analysis by a variety of safety personnel and first responders, including hazmat technicians, bomb squads, law enforcement and more. The TacticID-GP utilizes Raman spectroscopy, allowing users to get real-time actionable identification of unknown chemicals, explosives, narcotics and many other substances while reducing operational uncertainty and response time without ever compromising the integrity of the sample or the chain of evidence.



The TacticID-GP comes standard with a comprehensive library of over 5,000 hazardous chemicals, explosives, narcotics, prescription drugs, precursors and cutting agents. Additionally, it provides users with the capability to develop their own custom libraries in order to continuously maintain up-to-date identification capabilities.

Applications

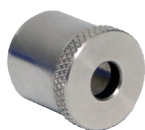
- Analysis of Unknown Powders, Liquids and Gels
- Identification of Toxic Solvents and Bio-warfare Agents
- Identification of Binding Agents and Explosive Materials
- Non-Destructive Narcotic Drug Identification



Sampling Accessories

Easy Transition Between Sample Types

The TacticID-GP comes standard with the point-and-shoot adapter as well as a polystyrene standard cap for verification. The optional vial holder accessory enables users to easily sample liquids.



Point & Shoot



Polystyrene Standard



Vial Holder

Specifications

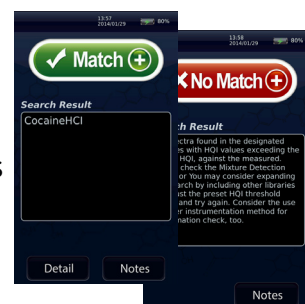
Excitation Wavelength	785nm
Laser Output Power	300mW Adjustable in 10% Increments (30 - 300mW)
Spectral Range	176cm ⁻¹ to 2900cm ⁻¹
Spectral Resolution	~ 9cm ⁻¹ (FWHM)
Detector Type	Linear CCD Array
Display	High Resolution
Software	TacticID OS (Embedded), & TacticID Software (PC)
Data Formats	.txt, .csv, .spc
Libraries	Explosives, Unknown Chemicals, Toxic Industrial Chemicals, Chemical Warfare Agents, Narcotics, Prescription Drugs, Synthetics, Cutting Agents, Precursors
Connectivity	Ethernet / WiFi
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

Material Identity Investigation

The TacticID-GP 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-GP 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.



Additional Features

Customized Libraries: Add user-created library items quickly and easily to stay one step ahead of emerging threats.

Flexible Sampling: Optimized for analyzing gels, liquids, powders and solids through various package types.

Ease of Use: Designed for technical and non-technical users alike, featuring simple, easy to understand menus and commands.

Non-Contact Analysis: Increase user safety by scanning directly through plastics, bottles and other translucent packaging materials.



HI-TECH INSTRUMENTS INC.
Your Ultimate Strategic Partner

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