



T A C T I S C A N

A NEW ERA OF LAW ENFORCEMENT

We introduce the world's first portable drug screening device, designed to detect illicit narcotics onsite with no officer exposure.

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POWERED BY



SPECTRAL ENGINES

MEMBER OF THE NYNOMIC GROUP



TACTISCAN

A re-usable pocket-sized narcotics scanner for law enforcement brings new safety and efficiency levels to police fieldwork.

TactiScan allows police officers to detect the most commonly used illicit narcotics onsite without officer exposure. An easy-to-use mobile app leaves no room for ambiguity, providing reliable data in just a matter of seconds.

TactiScan has an extremely high measurement accuracy from a low drug concentration and the user interface is significantly more functional than in the products presently used in fieldwork. The device currently detects cocaine, (meth-)amphetamine, cannabis, synthetic cannabinoids, hashish, opium and ecstasy. Furthermore, legal drugs such as Ritalin, ASA, Buprenorphine, Tilidine and Paracetamol. New analog and "designer drugs" can be added to the scanning library before they become widespread.

As the TactiScan is re-usable and more than 20 times less expensive than its alternatives, it is affordable for any sized police department. The acquired test results are entirely secure and logged instantly for record-keeping, and can be examined only by necessary officials in local police departments.



TECHNOLOGY

Groundbreaking miniaturized Infrared technology

The core of the TactiScan narcotics scanner is a Spectral Engines' Near Infrared (NIR) spectral sensing module combined with mobile and cloud connectivity to enable fast mass data management.

NIR-spectrometers are widely used in many fields to measure material content and have a proven track record in getting highly accurate measurement data in laboratory conditions. TactiScan brings narcotic screening from the laboratories to the field in a cost-effective, portable platform. Optical reading requires no sample preparation and does not alter the sample in any way, preserving even small sample amounts and reducing the risk for unnecessary exposure.

	Tacti Scan	Test Kits	Raman devices
Scans through bags	x		x
No need for sample preparation	x		x
Works for dark samples (i.e. heroin)	x	x	
Does not destroy the sample	x		x
No need for chemical reagents	x		
Fast analysis time	x		
Low-cost analysis	x	x	
Eco-friendly and safe	x		

In some cases Raman devices need sample preparation, i.e. when dealing with heroin. This increases the risk of sample contamination and unnecessary officer exposure.



Safety

No officer exposure, no sample destruction, no mistakes



Efficiency

No sample preparation, rapid results, unlimited tests with one device



Accuracy

High measurement accuracy from a low drug concentration

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