



TACTISCAN

# 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.

[WWW.TACTISCAN.COM](http://WWW.TACTISCAN.COM)

## TACTISCAN

**A re-usable pocket-sized narcotics screener for police patrols bringing new levels of safety and efficiency to police field work.**

TactiScan allows police officers to detect the most commonly used illicit narcotics onsite without officer exposure. The device currently detects cocaine, heroin and methamphetamine. New narcotics can be easily added to the scanning library and it can be instantly updated to all devices in the field.

Compared to the methods currently in use, TactiScan is considerably safer and faster. An easy-to-use mobile app with its cloud connectivity leaves no room for ambiguity, providing reliable results in just a matter of seconds.

1. Place the sample on the measurement area
2. In the TactiScan mobile app, click Measure Now
3. In a few seconds, result is visible on the screen

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 completely secure and logged instantly for record keeping, and can be examined only by necessary officials in local police departments.



## TECHNOLOGY

**Groundbreaking miniaturized infra-red 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 laboratory performance to narcotics screening 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         |               |

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