

EVD

Explosive Vapour Detector

VPScan

Detection and identification
of explosives, cocaine and
other illicit substances



vpscan-evd.com



MION



MION Technologies

VPScan

MION

VPSCAN is the only EVD
(Explosives Vapor Detector) in the
world with sensitivity of 0.01 ppq.

This unprecedented detection
limit is the outcome of optimal
integration of our DMA technology
with other instruments and more
than 15 years of testing.



Sampler



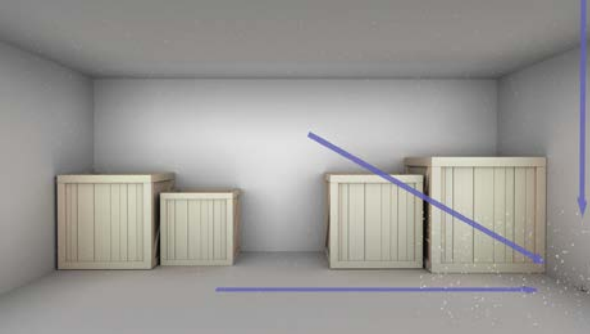
Portable and affordable vapor
sampling unit able to take air
samples from a large container or
truck in 3 minutes.



Analyzer



The only alternative to detect low
vapor pressure substances (cocaine
or plastic explosives) is by sub-ppq
limit detection technologies.



Technology

The screening process is separated in two different stages: sampling and analysis.

1

Air sampling

2

Vapour trapping

3

Filter analysis

4

Automatic results

MION sampler allows the complete air screening in 3 minutes without opening the containers or trucks, keeping the privacy of the cargo.



MION sampling tools are affordable, handable and versatile with the capacity to scan different scenarios: trucks/containers, pallets, ULDs, vans, mail, etc.

Advantages

- ✓ Full scan in 6 minutes (sampling + analysis)
- ✓ Cost-effective analysis
- ✓ Automatic results, no need for human interpretation
- ✓ Fully non-intrusive sampling
- ✓ Portable sampling, the container/truck does not need to be moved
- ✓ Very high Detection Rate (>90%), Limit of Detection of 0.01 ppb
- ✓ Very low False Alarm (<2%)
- ✓ Wide and open database: explosives, narcotics, chemicals, etc

Applications



Explosive Detection



Narcotics Detection

For more information,
visit vpscan-evd.com



VPSCAN technology
is developed by

