

EXPLOSIVE NARCOTICS VAPOR DETECTOR

VPScan

Detection and identification
of explosives, cocaine and
other illicit substances



vpscan-evd.com



MION



MION Technologies

VPScan

MION

VPSCAN is the only 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

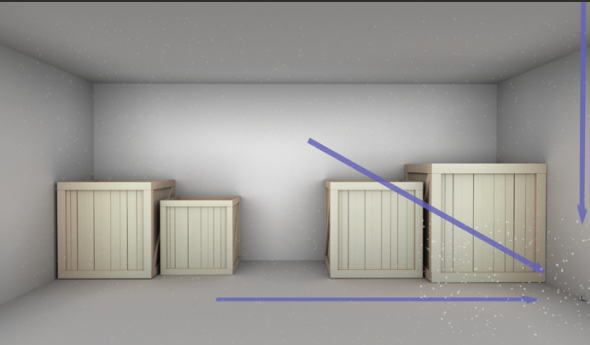


Portable and affordable vapor sampling unit able to take air samples from a large container or truck in 3 minutes.

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

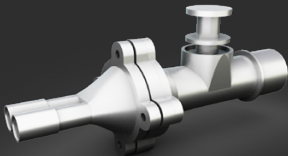
③

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 ppq
- ✓ Very low False Alarm (<2%)
- ✓ Wide and open database: explosives, narcotics, chemicals, etc
- ✓ Direct detection of cocaine, no detection of markers or subproducts

Applications

Several real detections of cocaine in EU ports, even under complex or chemical concealments, which are impossible to be detected by other technologies.

Narcotics Detection



Explosive Detection



For more information,
visit vpscan-evd.com



VPSCAN technology developed by



MION



GOBIERNO
DE ESPAÑA

MINISTERIO
DE CIENCIA, INNOVACIÓN
Y UNIVERSIDADES



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