

# Expanded Capability for Toxic Aerosol Detection and Identification

The MX908® Aero enables operators to detect and identify aerosolized threats—such as Chemical Warfare Agents (CWAs) and Pharmaceutical-based Agents (PBAs) —which represent a critical gap in existing trace chemical detection solutions.

An aerosol is a suspension of fine solid or liquid particles which maintain the physical properties of their solid or liquid state but behave like a vapor. This combination of physical state and vapor-like behavior make traditional vapor detectors ineffective against aerosol threats. The Aero leverages proven MX908 sampling technologies and analysis mechanics to address this unique threat.



## MX908 ADVANTAGES

- The only field-deployable tool available now for rapid trace detection and identification of aerosol threats.
- Simultaneous monitoring, detection, and identification of both vapor and aerosol threats.
- Flexible sampling modules for easy transition from trace solid and liquid sampling to vapor and aerosol sampling.
- Optional accessory can be quickly deployed to fielded units or be purchased with new MX908 devices.



The MX908 Aero can detect aerosol particulates dispersed from an explosive device.

Target Group	Targets
A-series agents (Novichoks)	A-230, A-232, A-234
V-series agents	VE, VM, VS, VX, VX Acid RVX/CVX
G-series agents	GA, GB, GD, GF
Blister agents	HD
Fast-acting incapacitating agents	Fentanyl and analogs (2000+), U-series, AH-7921
Lachrymatory agents	Capsaicin



An operator using the MX908 can conduct post-blast analysis on-site with the Aero.