



Real-Time Threats. Real-Time Detection.

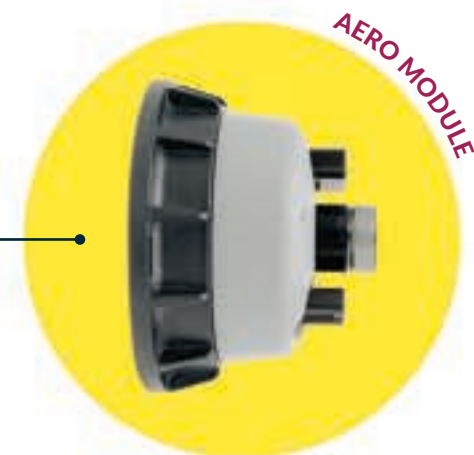
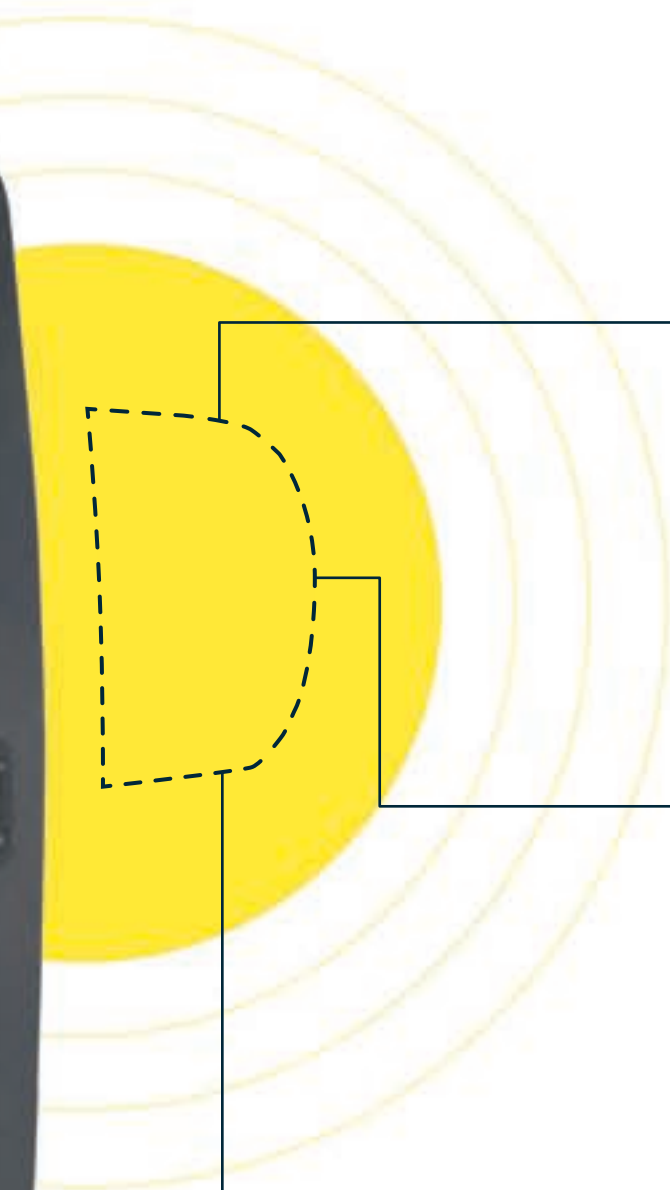
MX908 is a multi-mission, handheld mass spectrometer utilized by elite responders conducting chemical, explosive, priority drug, and hazmat operations around the world.

PORTABLE MASS SPECTROMETER



MX908: A CRITICAL TOOL IN THE RESPONDER TOOLKIT

MX908® detects compounds at trace levels and combines unparalleled sensitivity and selectivity, providing users with confident results and actionable intelligence other handheld technologies cannot. The power of high-pressure mass spectrometry™ (HPMS) accurately discriminates priority threats from the broad range of interferents that lead to false alarms with other commonly used technologies.



AERO MODULE



TRACE MODULE



VAPOR MODULE

DETECT AND IDENTIFY CHEMICALS IN ANY PHASE

With the MX908, one device can analyze any sample you encounter regardless of size or phase of matter. This flexibility combined with the MX908 expanding target list ensures that responders have a device that can evolve with new and emerging threats.

MULTI-MODE THREAT DETECTION



Solids



Liquids



Vapors



Aerosols

MX908 EXCELS WITH SAMPLES ACROSS THE **THREAT LANDSCAPE**



MX908 EXCELS WITH A BROAD RANGE OF SAMPLES AND CONCENTRATIONS

The MX908 is powered by high-pressure mass spectrometry (HPMS) technology, which enables responders to detect and identify chemical hazards from bulk to true trace concentrations. MX908 is up to 1 million times more sensitive than commonly used Raman and FT-IR technologies. Depend on high-fidelity trace and bulk identification, for point detection or remote area monitoring, all with one device.

BULK
VISIBLE
GRAMS
PPM

AMOUNT

RESIDUE
BARELY VISIBLE
MILLIGRAMS
PPM/PPB

TRACE
INVISIBLE
NANOGRAMS
PPB

PURITY

HIGH
>70%

INTERMEDIATE
10-70%

LOW
<10%

CONCENTRATION



STOCKPILES



HAZMAT EVENT



CONTRABAND



CLANDESTINE LABS



CHEMICAL MUNITIONS



DRUGS



WMD EVENT



VEHICLE INSPECTION



SCREENING

YOUR MISSION DEFINES YOUR MODE

Based on your specific mission objectives, choose an MX908 Mission Mode that leverages specialized software and hardware configurations to optimize performance for hunting certain chemical classes.



DRUG HUNTER

- | | |
|-------------------------------------|--------------|
| Methamphetamine | Heroin |
| Cocaine | Cannabinoids |
| Fentanyl and 2000+ Fentanyl Analogs | Cathinones |
| | And More... |



Identify narcotics in low concentration mixtures (well below 5%)



Establish trace chemical evidence linkages for interdiction, checkpoint operations, and more



Improve officer safety with limited exposure risk



Fentanyl Classifier provides coverage for 2000+ fentanyl analogs



Add case information with the MX908 remote application



CW HUNTER

- | | |
|--|---|
| Novichoks or A-series Agents | Pharmaceutical Based Agents (including fentanyl, carfentanil, and remifentanil) |
| Legacy Warfare Agents (G, V, and H-series) | |



Only field deployable detector for trace identification of Novichoks



Only field deployable detector for identification of aerosolized threats



Quantify chemical warfare agents in real time



Identifying Novichoks and other CWAs by name is essential for decontamination and medical response



Allow for broad threat coverage in any state with a single device



Remote area monitoring with MX908 Beacon



EXPLOSIVE HUNTER

- | | |
|---------------------|-----------------------|
| Homemade Explosives | Commercial Explosives |
| Military Explosives | Precursors |



Identify trace explosive residues



Identify explosives by name to guide response



Analyze samples safely with no threat of igniting sensitive materials



Identify aerosolized chemical threats dispersed from IEDs and other munitions



Establish trace chemical evidence linkages for checkpoint operations, HME lab response, and more



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 **908devices**

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