



BULK



TRACE



VAPOR



HIGHLIGHTS

- Handheld mass spectrometer
- Complementary to existing tools
- Shelf-ready
- Threat focused and expandable
- Trace to bulk - vapor, solid, liquid
- Field-replaceable components
- Low-maintenance

Get in fast. Get out *faster*.

THE NEW STANDARD FOR THREAT DETECTION

M908™ is a threat-focused handheld mass spectrometer designed to redefine downrange operations. Its mission is simple: sniff out priority threats - both seen and unseen. From chemical warfare agents and toxic industrial chemicals to precursors, this downrange handheld tool enables you to survey surroundings in seconds. Unmistakable audible and visual alerts are provided for threats in vapor, solid, and liquid form from surface residues to ambient and headspace vapors. Weighing in at 2.0kg (4.4lbs), hardware is easy to hold, easy to maneuver. Console-style controls enable effortless engagement with an intuitive interface when in full protective gear.

THE HPMS DIFFERENCE

The unique proficiency of handheld High-Pressure Mass Spectrometry™ (HPMS) expands the first responder tool kit adding deep chemical detection capabilities beyond traditional tools. The selectivity of mass spectrometry allows M908 to detect trace quantities of critical threats amongst myriad interferences that plague other less selective technologies. By design, our core technology is field replaceable for seamless operation in the harshest conditions.

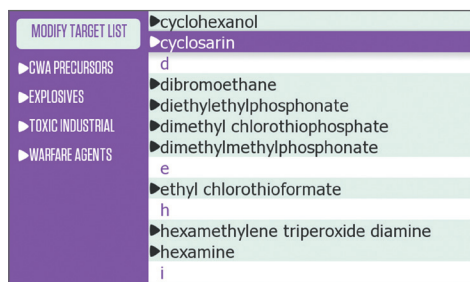




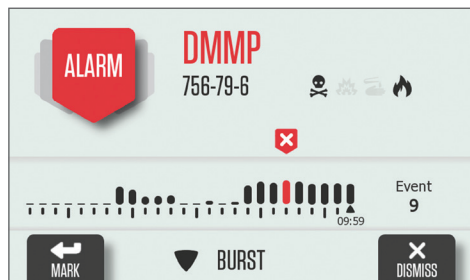
Rugged and resistant to salt spray and other harsh environmental conditions.



Patented microscale ion trap technology enables operation without the need for extreme vacuum or additional gas supply.



Expandable threat list allows M908 to evolve with new hazards.



M908 allows for continuous monitoring of potential hazards.

M908 is subject to export controls including those of the Export Administration Regulations of the U.S. Department of Commerce, which may restrict or require licenses for the export of product from the United States and their re-export to and from other countries.
Patented technology www.908devices.com/patents
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SPECIFICATIONS

Technology	High-Pressure Mass Spectrometry (HPMS)
Size	22 x 18.5 x 7.6cm (8.7 X 7.3 x 3 in)
Power	Replaceable, rechargeable battery with > 4 hours of continuous operation
Display	Adjustable backlit display for direct sunlight and nighttime conditions, 10.9cm (4.3in) diagonal size, 800x480 resolution
Weight	2.0kg (4.4lbs), including battery
Mass Spectrometer	Microscale Ion Trap
Mass Range	55 - 400 Da; configurable to higher mass
Ionization Source	Non-radioactive, internal ionization, variable energy, dual polarity
Sample Introduction	Continuous gas/vapor analysis; rapid trace-to-bulk solid/liquid analysis via thermal desorption swabs
Alarm Type	Audible and visual for both detection and identification
Software	Embedded, self-contained, on-board analytics
Decontamination	IP-53 rated, chemical resistant housing spray/splash and wipe down
Operating Temperature	-4° - 104°F (-20° - 40°C)
Storage Temperature	-4° - 140°F (-20° - 60°C)

M908 is a handheld survey tool for the most extreme hazards in vapor, solid or liquid form:

- Chemical Warfare Agents (CWA)
- Toxic Industrial Chemicals (TIC)
- Simulants and Precursors
- Explosives, Drugs and Associated Precursors

ABOUT 908 DEVICES

908 Devices Inc. is democratizing chemical analysis by way of mass spectrometry. We make products ranging from rugged, handheld chemical detection tools to compact, tiny footprint analyzers and fast separation devices. These purpose-built and user-centric devices serve a range of industries including safety and security, oil & gas, life sciences and other applied markets.



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