SPEC SHEET

MX908

Rugged Mass Spec for Trace Detection and Identification of CWAs & TICS

EXPANSIVE THREAT DETECTION

MX908™ leverages high-pressure mass spectrometry™ (HPMS) to deliver dramatically enhanced sensitivity for identification of chemical warfare agents (CWAs), toxic industrial chemicals (TICs) and more. In addition to traditional agents and threat materials, MX908 is a field-deployable tool that can identify A-series CWAs, also known as fourth generation agents (FGAs) or Novichoks, at trace levels.

CLOSING THE CAPABILITY GAP

As the threat landscape continues to evolve, responders must adapt to ensure they're equipped to address threats as they arise. Whether identifying military grade warfare agent, mitigating an active incident, or validating decontamination, responders need the selectivity to distinguish between threats and the sensitivity for high fidelity trace detection. With MX908, elite federal, military and civilian responders have the quick, confident intelligence they need to ensure the safety of their team and the public.

MISSIONS:

- Site exploitation
- Border security
- HazMat response
- Checkpoint security
- Postal security
- Event security

THREAT CATEGORIES:

- CWAs (including Novichoks)
- Fentanyls/Opioids
- Emerging threats
- Explosives
- TIC/TIM
- Precursors

SAMPLING MODES:

- Trace-level vapors, solids and liquids

OPERATIONAL STRENGTHS:

- Fast start up
- Rapid analysis
- Trace detection (low - mid ppb)
- Powered by mass spectrometry
- Heightened sensitivity and selectivity
- Unmistakable audio and visual alerts
- Simple interface
- Low maintenance

908devices

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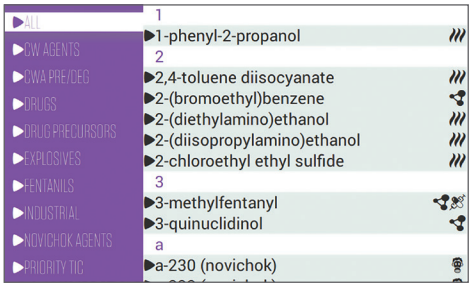
MX908 is rugged and meets the requirements for use in harsh environments.

MX908 is equipped with modular accessories for ease of transition between solid and vapor sample types.

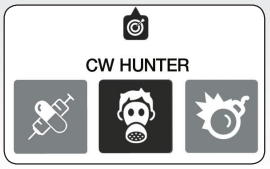


The enhanced selectivity of MX908 allows for even broader threat category coverage.

A clear interface allows users to select a Mission Mode based on their response scenario, or the Hazard Survey mode for an even broader analysis.

MX908 Mission Modes use specialized software configurations to optimize performance for specific mission objectives.

CW Hunter is a mission mode for the detection of priority chemical warfare agents, including A-series (Novichoks). Delivers real-time vapor quantification.



Drug Hunter is a mission mode for the detection of drugs such as: fentanyl and fentanyl-analogues, along with other high priority drugs-of-abuse.

Explosives Hunter is a mission mode for the detection of priority threats from military and commercial grade explosives, to homemade energetics and relevant precursors.

SPECIFICATIONS

Size	29.8 x 21.6 x 12.2 cm (11.8 x 8.5 x 4.8 in)
Power	Replaceable, hot swappable batteries with >3 hours of continuous operation (2 spare batteries included)
Display	Adjustable ultra-bright backlit display for direct sunlight and nighttime conditions, 12.7 cm (5 in)
Weight	3.9 kg (8.7 lbs), including batteries
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	Audio and visual for both detection and identification
Software	Embedded, self-contained, on-board analytics
Decontamination	IP-54 rated, chemical resistant housing spray/splash and wipe down
Operating Temperature	0°–40° C (32°-110° F)
Storage Temperature	-20°–60° C (-4°-140° F)
Ruggedness	MIL-STD-810G

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