

MX908

Broad Drug Identification for Corrections Facilities

Multi-Threat Detection

MX908® leverages high-pressure mass spectrometry™ (HPMS) to deliver dramatically enhanced sensitivity and broader threat category coverage. It provides identification across a broad range of drugs such as synthetic opioids, phenethylamines, cathinones, and cannabinoids.

Reliable Trace Analysis

MX908 provides trace identification (nanogram/invisible level) of many drugs commonly smuggled into corrections facilities. The ability to detect and identify invisible amounts of drugs allows the MX908 to defeat common smuggling tactics like spraying substances onto paper and mail. Accurate and rapid trace level identification also reduces exposure risk to officers and inmates by enabling exterior sampling of packages and ultimately keeping illicit drugs out of the facility.



Missions:

- Mail screening
- Unknown powder identification
- Overdose response

Threat Categories:

- Fentanyl/synthetic opioids
- Phenethylamines
- Cathinones
- Cannabinoids
- CWAs, Explosives, TICs, Precursors

MX908 Advantages:

- Trace identification of many drugs including: fentanyl, fentanyl analogs, methamphetamine, synthetic cathinones, and synthetic cannabinoids
- MX908 provides excellent target coverage of common cannabinoids, cathinones, and phenethylamines often seized in corrections facilities
- Mail screening for trace identification of drugs sprayed onto paper or delivered by mail
- Increased officer safety by enabling non-intrusive sampling
- Accurate and rapid results allow officers to act quickly and with confidence
- Reachback analysis of mass spectra



Mission Modes Use Specialized Software To Optimize Performance For Specific Mission Objectives

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

Drug Hunter unlocks detection capabilities for more than 2000 fentanyl variants.

This Mission Mode future-proofs your MX908 against the ever-changing fentanyl analog landscape with a novel classification algorithm that sets MX908 apart from any library-based techniques.



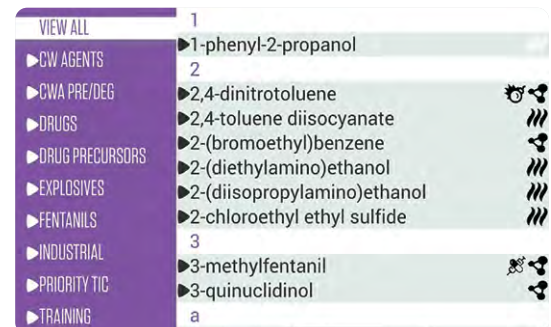
MX908 is rugged and meets the requirements for use in harsh environments.

Specifications

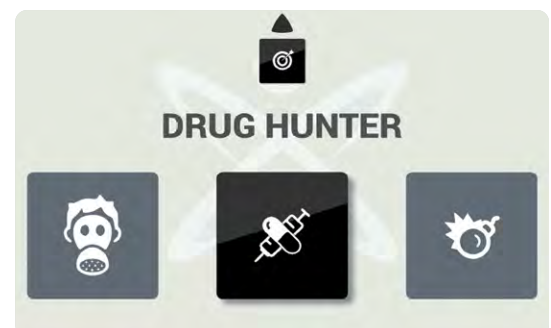
Size:	29.8 x 21.6 x 12.2 cm (11.8 x 8.5 x 4.8 in)
Power:	Replaceable, hot swappable batteries with >3 hours of continuous operation (2 spare batteries included)
Display:	Adjustable ultra-bright backlit display for direct sunlight and nighttime conditions, 12.7 cm (5 in)
Weight:	≤4.3 kg (9.5 lbs); varies based on module, accessories
Ionization Source:	Non-radioactive, internal ionization, variable energy, dual polarity
Sample Introduction:	Continuous gas/vapor analysis with periodic aerosol analysis via thermal desorption; 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
Data Export:	<ul style="list-style-type: none"> Export wirelessly via Bluetooth connection with any compatible iOS or Android device Export manually using included USB drive
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



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



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



An obvious user interface guides users through each mission mode.