



Features:

- Explosive and Drug Detection
- Detects Trace and Bulk
- Rugged, All-weather
- GPS, Bluetooth, Real-Time results, Full-color LCD
- Results in seconds
- AN and UN Identification

Explosives Detected

- Nitroaromatics
- Nitrate Esters
- Nitramines
- Inorganic Nitrates
- Chlorates
- Peroxides
- Perchlorates
- AN and UN Identification

Drugs Detected

- Methamphetamine
- MDMA
- Cocaine
- THC
- LSD
- Opiates
- Heroin
- Ketamine

Explosive Detection

Tested By:

NAVEODTECHDIV- U.S. Navy

ARDEC- U.S. Army

SEEKER MDU™

Handheld Explosive and Drug Detection



DetectaChem

Accuracy, Mobility and Reliability

The Seeker MDU™ is a multi-threat handheld explosive and drug detection system utilizing an automated colorimetric methodology to detect trace amounts of both explosives and drugs. The Seeker MDU™ is a lightweight, rugged, handheld, and extremely portable platform capable of being used by non-technical first time users as well as trained professionals. The Seeker MDU™ features a simple-to-use and intuitive operator interface with a large 7-button keypad and full color LCD display. U.S. Government tested and backed by real world deployment ensures that the Seeker MDU™ is ready to handle any explosive or drug detection scenario. No other portable device is capable of detecting as many explosive compounds with one simple test as the Seeker MDU™. All test results are automatically stored internally with the swipe-card serial number, test result, date, time, altitude, ambient temperature and the precise GPS location.



Using the Seeker MDU™

The Seeker MDU™ is unlike any other detector on the market. The patent-pending technology built into the device completely automates the decision making process. There is no need for color charts to reference, no mixing of hazardous chemicals, no warm-up, instant calibration, no required cleaning, and most importantly no downtime. The Seeker MDU™ is able to test for explosives and/or drugs in a consecutive fashion and in any order. If a positive test result is identified, the Seeker MDU™ is able to recover immediately and credibly test again without cleaning or any maintenance procedures being performed. Once the proper swipe card is selected and a trace or bulk sample collected, the Seeker MDU™ takes care of the rest. Testing is completely automated and results are displayed within seconds.



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Minimal Training

The Seeker MDU™ requires minimal training to operate. The simple to use 7-button keypad makes navigation on the full-color LCD screen both easy and intuitive, even for first time users. Once the sample card is selected and a sample has been collected, the Seeker MDU™ takes care of the rest. There is no mixing of hazardous chemicals, no color charts to reference, no warm-up, no calibration, no cleaning, no complex procedures and most importantly no downtime.

Step 1 – Select Card



Step 2 – Swipe Surface



Step 3– Scan Barcode



Step 4– Insert Card



Step 5 - Analyze Results



The swipe-card is the key to the flexibility of the Seeker MDU™.

Each swipe-card contains within it the colorimetric chemistries required for each particular test.

Size and Weight	5.9"x4.7"x1.2", 20 oz.
Environmental Requirements	Operating temperature: -4° to +122°F (-20° to +50°C)
Battery	Removable and rechargeable Li-ion 7.4V 2000mAh Battery; AA optional, CR123 optional
Display	3.5" color LCD, 320 x 240 transfective display
Detection	Automated Colorimetric; Explosives and Drugs- Bulk and Trace
Substances Detected	Explosives: Nitroaromatics, Nitramines, Nitrate Esthers, Inorganic Nitrates, Chlorates, Peroxides, Perchlorates Drugs: Methamphetamine, MDMA, Ketamine, Cocaine, THC, LSD, Opiates, Heroin
Swipe Sampling Applications	People, Hands, Fingers, Skin, Vehicles, Packages, Bags, Cargo, Containers, Glass, Plastic, Metal, Wood, Cement, Rubber, Fabric, plus much more.
Warranty	1 year parts and labor (extended plans available)



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