Features:

- Automated Colorimetric detection
- Detects Trace and Bulk
- Rugged, All-weather
- GPS, Bluetooth, Real-time results, Full color LCD
- Instant calibration, No down-time
- Results in seconds
- AN and UN Identification

Explosives Detected:

- **Nitroaromatics**
- **Nitrate Esters**
- **Nitramines**
- **Inorganic Nitrates**
- **Chlorates**
- **Peroxides**
- **Perchlorates**
- **AN and UN Identification**
- **Plus Combinations and Derivatives**

Tested By:
NAVEODTECHDIV- U.S. Navy
ARDEC- U.S. Army

SEEKER XDU™

Handheld Explosive Detection

DetectaChem
Accuracy, Mobility and Reliability

The Seeker XDU™ is a handheld explosive detection system utilizing an automated colorimetric methodology to detect trace amounts of explosives. The Seeker XDU™ is lightweight, rugged, handheld, and extremely portable capable of being used by non-technical first time users as well as trained professionals. The Seeker XDU™ 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 XDU™ is ready to handle any explosive detection scenario. No other portable device is capable of detecting as many explosive compounds with one simple test as the Seeker XDU™ including the specific identification of Ammonium Nitrate (AN) and Urea Nitrate (UN). 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 XDU™

The Seeker XDU™ 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 hand-mixing of hazardous chemicals, no warm-up, no required cleaning, and most importantly no downtime. The Seeker XDU™ is able to test for explosives in a consecutive fashion. If a positive test result is identified, the Seeker XDU™ 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 XDU™ takes care of the rest. Testing is completely automated and results are displayed within seconds.

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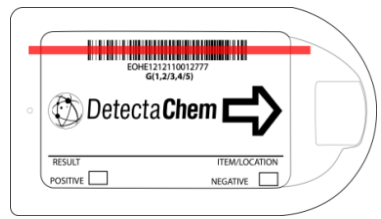
Minimal training

The Seeker XDU™ 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 XDU™ 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

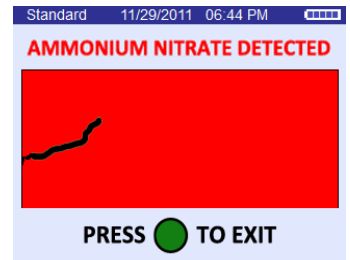
Step 2 – Swipe Surface

Step 3– Scan Barcode



Step 4– Insert Card

Step 5 - Analyze Results



The swipe-card is the key to the flexibility of the Seeker XDU™. Each swipe-card contains within it the colorimetric chemistries required for detecting all 5 major groups of explosives. Identification swipe-cards are available for Ammonium Nitrate (AN) and Urea Nitrate (UN).

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 transflective display
Detection	Automated Colorimetric; Explosives- Bulk and Trace
Explosives Detected	Nitroaromatics (TNT, TNB, DNB, Tetryl) , Nitramines and Nitrate Esters (HMX, RDX, PETN, NG, EGDN, Pyrodex, Triple 7, Gunpowder, Semtex) , Inorganic Nitrates (Ammonium Nitrate, Urea Nitrate), Chlorates (Sodium Chlorate, Potassium Chlorate), Peroxides (TATP, HMTD), Perchlorates, Plus Combinations and Derivatives
Swipe Sampling Applications	Direct, Indirect, 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)

DetectaChem
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Phone 1-855-5-SEEKER (1-855-573-3537) **www.DetectaChem.com**