

DETECTION



XCAT

Capillary Analysis Test



**narcotics
homemade & high
explosives
gunshot residue**

The XCAT handheld detection system features automated, one-step detection of narcotics, homemade and high explosives, and gunshot residue.



ADVANTAGES

- Narcotics, Explosives, and GSR detection in a single platform
- Red-Light/Green-Light result
- No interpretation, no color charts, no spraying, no chemical exposure
- Rugged for field use
- Detection library expandable
- Rechargeable Li-ion battery



APPLICATIONS

Use the **XCAT** for sampling suspicious drugs and other substances on hands, vehicles, packages and surfaces.



CORE TECHNOLOGY

The **XCAT** uses detection cards with specially formulated optical detection inks and software to identify characteristics unique to each individual or group of chemically related analytes.

Each analyte or group of analytes is detected with a dedicated card.

The unit uniquely identifies and analyzes each card (eg. Cocaine or GSR) and returns a red or green light signal to the user simply indicating "detection" or "no detection".

RedXDefense offers a comprehensive suite of security solutions for combating threats. Our innovative technology offers law enforcement, homeland defense and military the latest in creative products that provide solutions to their real-life security challenges. **RedX** products range from our field-proven ruggedized, portable, trace explosive detectors that are ideally suited for hard-use military applications to our newest lightweight, hand-held units that detect narcotics, homemade and high explosives, and gunshot residue.

SPECS

The **XCAT** is intended for presumptive testing. Sampling cards are dedicated to detecting either individual analytes or groups of related analytes.



SAMPLING CARDS AND CAPABILITIES*

Nitrates & Nitrates NTR-300	C4, RDX, PETN, Semtex, Det. Cord, Deta Sheet, Nitroglycerin, Nitrocellulose, Ammonium Nitrate, ANFO, Urea Nitrate, Black Powder
Nitroaromatics NTA-400	TNT, DNT, Tetryl, Ammonium Picrate, Picric Acid, Comp B
Amphetamines AMP-500	Amphetamines, Methamphetamines, Crystal Meth, MDMA (Ecstasy), 'Bath Salts' (incl. Cathinone, Mescaline, 2C-I, Mephedrone, Pyrovalerone, Methylone, Methedrone, Butylone, TFMPP, BZP)
Heroin HER-110	Heroin, Heroin hydrochloride
Cocaine & PCP COC-210	Cocaine (Crack), Cocaine hydrochloride, PCP
GSR GSR-600	Gunshot Residue



* Additional capabilities may be available. Sampling card kits may be customized based on specific user needs.

● Detection Principle	Optical Detection
● Time to Analyze	10-90 sec. (depending on analyte)
● Calibration	None required
● Power-up Time	20 seconds
● Consumables	Sampling Cards
● Power Source	Rechargeable Li-ion battery (car and wall charger)
● Battery Life	7 hours (continuous use)
● Operating Temperature Range	32°F to 120°F (0°C to 49°C)
● Dimensions	3.6" x 1.7" x 6.0" (Length x Width x Height)
● Weight	Under 1 lb.

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