



XCAT



From crime scene
GSR detection...



...to narcotics, either
trace or visible, pills
or liquids...



...to sampling for
trace explosives...

...here is the future
of FIELD TESTING



DETECTION

**narcotics
explosives
gunshot residue**



The **XCAT** handheld detection system features one-step detection of narcotics, 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

SAMPLING CARDS AND CAPABILITIES

(Additional capabilities may be available.)

Peroxides
PER-700

TATP, HMTD

Nitramines & Nitrates
NTR-300

C4, RDX, PETN, Semtex, Det. Cord, Deta Sheet, Nitroglycerin, Nitrocellulose, Ammonium Nitrate, ANFO, Urea Nitrate, Black Powder



Nitroaromatics
NTA-400

TNT, Tetryl, Ammonium Picrate, Picric Acid, Comp B

Narcotics
DRG-100

Cocaine (Crack), Cocaine hydrochloride, PCP, alpha-PVP (Flakka), Heroin, Heroin hydrochloride, Hydrocodone, Fentanyl and other Fentanyl derivatives, Fenethylamine, Amphetamines, Methamphetamines, Crystal Meth, MDMA (Ecstasy), "Bath Salts" (including Cathinone, 2C-I, Mephedrone, MDPV, Pyrovalerone, Methylone, Methedrone, Butylone, TFMPP)*

GSR
GSR-600

Gunshot Residue

* May detect chemically similar analytes.

● Detection Principle	Optical Detection	IP52 rated for water and dust ingress. Passes MIL-STD-810G testing for: • Salt Fog • Low temp. storage (-20°C) • Temp. shock (-20°C to 60°C) • Vibration (1 hour truck bed simulator) • Transit drop (26 drops from 4 feet)
● Time to Analyze	Narcotics: 40-120 sec. GSR/Explosives: 15-180 sec.	
● Calibration	None required	
● Power-up Time	30 seconds	
● Consumables	Sampling Cards	
● Power Source	Rechargeable Li-ion battery (car and wall charger)	
● Battery Life	10 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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