



**XCAT**



From crime scene  
GSR detection...



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



...to clearing  
unattended bags  
for explosives...

...here is the future  
of FIELD TESTING



**DETECTION**

**narcotics  
explosives  
gunshot residue**



**LA CASA DEL  
CRIMINALISTA**

[www.lacasadelcriminalista.mx](http://www.lacasadelcriminalista.mx)

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\*

### 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, DNT, Tetryl, Ammonium Picrate, Picric Acid, Comp B

### Amphetamines & Bath Salts **AMP-500**

Amphetamines, Methamphetamines, Crystal Meth, MDMA (Ecstasy), 'Bath Salts' (incl. Cathinone, Mescaline, 2C-I, Mephedrone, Pyrovalerone, Methylone, Methedrone, Butylone, TFMP, BZP)

### Heroin **HER-110**

Heroin, Heroin hydrochloride, Fentanyl, Acetyl Fentanyl

### Cocaine & PCP **COC-210**

Cocaine (Crack), Cocaine hydrochloride, PCP, Flakka (alpha-PVP)

### 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	Narcotics & Explosives: 14-110 sec. GSR: 1-3 minutes
● Calibration	None required
● Power-up Time	20 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.

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)

**Red X Defense**

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