



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**



Via E. Amaldi 14 - Monterotondo (Rm)

www.assing.it tel. 06 906701

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*

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, 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-l, Mephedrone, Pyrovalerone, Methylone, Methedrone, Butylone, TFMPP, BZP)
Heroin HER-150	Heroin, Heroin hydrochloride
Cocaine & PCP COC-210	Cocaine (Crack), Cocaine hydrochloride, PCP, Flakka (alpha-PVP), Acetylfentanyl, Fentanyl
GSR GSR-600	Gunshot Residue



* Additional capabilities may be available.

● 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	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.	

Red X Defense

Assing
The research partner.