

FIDO® X3

THE NEXT-GENERATION IN HANDHELD TRACE
DETECTION TECHNOLOGY
BROAD THREAT DETECTION IN A 3LB PACKAGE



APPLICATIONS

AVIATION SECURITY
MASS TRANSIT SECURITY
FIRST RESPONDER
COMMERCIAL PROPERTY SCREENING
PERSONNEL SCREENING
HIGH VALUE TARGET SECURITY
CIVIL SUPPORT TEAMS
COUNTER TERRORISM TASK FORCE

BENEFITS

Broad Threat Detection- responds to traditional, homemade and liquid explosive threats

Class-based Identification-Can readily identify threat materials by class

Lightweight- Under 1.5 kg

Rugged- MILSTD 810g tested to survive the toughest environments

Long-Lasting- User replaceable 8 hour battery

Mission Flexible- Responds only to the threats you care about

Upgradable- Field upgradable potential for detection of new threats

Easy to Use- Simplified Go/No Go interface

Canine Complementary-Provides value-added capability to canine detection efforts

OVERVIEW

Building on the success of the hundreds of Fido detectors fielded in U.S. Airports, the Fido X3 was designed with transportation security in mind. The newly redesigned Fido X3 is the lightest and most sensitive Handheld Explosives Trace Detector on the market. With its magnesium case and splash-proof seal, the Fido's ruggedized design meets the rigorous MIL-STD 810-G specifications. The Fido X3 has an 8 hour battery, starts from cold in under 5 minutes, and clears in seconds, so you spend less time waiting and more time sampling.

Adding to the capabilities of the previously fielded Fido NXT, the Fido X3 adds broad threat detection including Ammonium Nitrate, TATP, and emerging liquid threats like Hydrogen Peroxide and Nitromethane. With FLIR's exclusive Sensing Element technology, the detection channels can be controlled to alert on the threat materials you care most about. As new threats emerge, the Fido X3 will be field upgradable to incorporate new detection chemistries that are specifically designed to detect the new threats.

The Fido X3 offers broad class threat identification to aid in targeted screening operations. The system can screen liquids, solids or vapors within seconds and without waiting to adjust system configuration or temperatures. The Fido X3 ships with an advanced swipe material to increase the likelihood of detection for particulates.





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SPECIFICATIONS

Description	Portable Explosive Trace Detector
Detection Technology	FLIR Sensing Element Technology • Fluorescence based (Multi-channel) • No radioactive source
Sampling	Particulate and Vapor detection
Start-up Time	Under 5 minutes from cold Under 10 seconds from sleep
Analysis Time	10 seconds or less with exclusive real-time detection capability
User Levels	Operator, Administrator
Starter Kit Options	Military, Commercial
Power	Swappable Lithium Ion battery (8 hour life dependent upon environmental conditions) AC Input: 100 to 240 V, 50 to 60 Hz wall adapter (supplied) System charges battery while running on AC power Auxiliary Battery adapter (supplied)
Com Port	USB
Data Storage	1500 hours of continuous data logging
Weight	1.36kg including battery
Dimensions	37L x 11.5W x 7H (cm)

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