



Fido X3 FLIR

HANDHELD, VAPOR AND PARTICULATE
EXPLOSIVES DETECTION

- DETECTS MILITARY, CONVENTIONAL, HOMEMADE AND LIQUID EXPLOSIVES
- START IN FIVE MINUTES, RESULTS IN TEN SECONDS,
- DURABLE BATTERY
- MULTI-CHANNEL FLUORESCENCE TECHNOLOGY; NO RADIOACTIVE SOURCE
- LIGHTWEIGHT AND ERGONOMIC

MOST VERSATILE HANDHELD EXPLOSIVES TRACE DETECTOR

Trace Explosives detection technology for a wide range of threats

- FLIR TrueTrace, multi-channel fluorescence technology; no radioactive source
- Detects Military, Conventional, Homemade and Liquid Explosives
- Nanogram level Sensitivity
- Particle and Vapor detection modes

RUGGED AND PORTABLE

Designed to be adapted to many mission types

- Lightweight and ergonomic
- IP54 rated for dust ingress and water resistance
- Mil-Std 810G, shock, 1-m drop tested
- Long-lasting, user replaceable battery

SIMPLE TO OPERATE, INTUITIVE USER INTERFACE

Fast GO/NO-GO Results

- 5 minute start-up time, 10 second results, clear down within seconds
- Visible, Audible and Vibrational Alerts, Sunlight readable display
- Broad, class-based identification
- On device video training



THE FLIR FIDO X3 IS THE LIGHTEST AND MOST SENSITIVE HANDHELD EXPLOSIVES TRACE DETECTOR IN ITS CLASS. ITS UNIQUE TRUETRACE™ DETECTION TECHNOLOGY IDENTIFIES MILITARY, CONVENTIONAL, HOMEMADE, AND LIQUID EXPLOSIVE THREATS BY CLASS ON SURFACES (PARTICULATE) AND IN BOTTLES (VAPOR).

With a magnesium case and splash-proof seal, its rugged design meets rigorous MIL-STD-810G and IP54 specifications.

It starts from cold in five minutes and has a battery that lasts up to eight hours. With clear-down measured in seconds, operators spend more time sampling and less time waiting.

Fido X3 expedites on-site decision making with ten-second threat reporting via intuitive, go/no-go alarms.

Training can be completed in 30 minutes, further minimizing the impact on day-to-day operations and costs.

With thousands of units fielded in over 40 countries, the Fido X-series is the most trusted handheld explosives trace detector for critical security applications.



Fido X3

FLIR



FIDO X3

Technology	FLIR TrueTrace™; multi-channel fluorescence technology; no radioactive source
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SAMPLING & ANALYSIS

Sample introduction	Direct vapor for bottled liquids or sampling swipes for surfaces
Sample phase	Vapor and trace particulate
Threats	Detects military, conventional, homemade, and liquid explosives
Sampling & analysis	Analysis 10 seconds with real-time detection capability

SYSTEM INTERFACE

Display & alerts	Visible, audible, and haptic (vibration) alerts; vivid, sunlight-readable color display (32k colors)
Localization	Language translation available worldwide
Communication	USB; optional embedded wireless; Windows®-based software
Data storage	3,500 hrs of continuous data logging
Data management	On-device report generation; export to mass storage
User levels	Operator and administrator

POWER

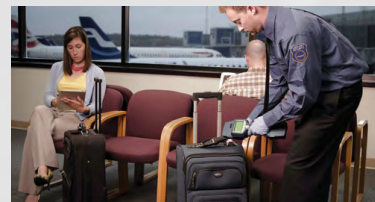
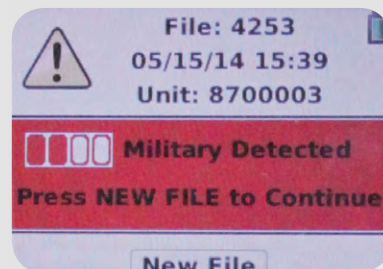
Input voltage	100-240 VAC (wall adapter supplied)
Battery specs	Two rechargeable Li-ion batteries (swappable and up to 8-hr battery life); adapter
Startup time	<5 minutes from cold; <10 seconds from sleep

ENVIRONMENTAL

Operating temperature	-10 to 50 °C
Operating humidity	5 % to 95 % non-condensing
Storage temperature	-20 to 50 °C

PHYSICAL FEATURES

Dimensions (L x W x H)	14.5 x 4.5 x 2.8 in (37.0 x 11.5 x 7.0 cm) - with battery
Weight	1,4 kg
Enclosure & protection	Molded magnesium and polymer composite casing with anti-corrosive coating
Standards	ASTM™ E2520



HTDS

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