



## HANDHELD, VAPOR AND PARTICULATE EXPLOSIVES DETECTION

# FLIR FIDO<sup>®</sup> X3

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.

[www.flir.com/FidoX3](http://www.flir.com/FidoX3)



### BEST-IN-CLASS SPEED AND SENSITIVITY

Detects a broad range of explosives at trace levels that are invisible to the operator

- FLIR TrueTrace, multi-channel fluorescence technology; no radioactive source
- Detect military, conventional, homemade, and liquid explosives
- Detects extremely low levels of explosives on surfaces (particulate) and in bottles (vapor) within ten seconds



### BUILT TO SURVIVE HARSH ENVIRONMENTS

Adaptable for many mission types

- Lightweight and ergonomic
- IP54 rated for dust ingress and water resistance
- MIL-STD-810G compliant for shock, vibration, temperature, and humidity; 1m drop-tested
- Long-lasting, user replaceable battery



### SIMPLE TO OPERATE, INTUITIVE USER INTERFACE

Fast go/no-go results

- Five minute start-up time, results in ten seconds, and clear-down within seconds
- Visible, audible, and haptic alerts; sunlight-readable display
- Broad, class-based identification
- On-device video training

## SPECIFICATIONS

### Fido X3

Technology	FLIR TrueTrace™; multi-channel fluorescence technology; no radio-active 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

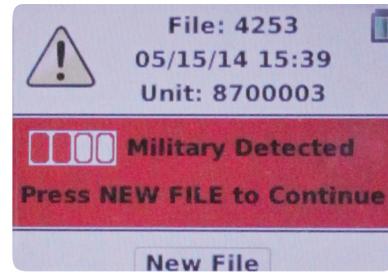
### Environmental

Operating Temperature	14 to 122 °F (-10 to 50 °C)
Operating Humidity	5% to 95% non-condensing
Storage Temperature	-4 to 122 °F (-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	3.0 lbs (1.4 kg)
Enclosure & Protection	Molded magnesium and polymer composite casing with anti-corrosive coating
Standards	ASTM™ E2520

Specifications are subject to change without notice.  
For the most up-to-date specs, go to [www.flir.com](http://www.flir.com)



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The World's Sixth Sense®