



**ULTRA-LIGHTWEIGHT EXPLOSIVES TRACE DETECTOR**

**FLIR FIDO® X2**

The FLIR Fido X2 is an ultra-lightweight, handheld explosives trace detector (ETD). It provides an unprecedented combination of sensitivity, speed, and ease of use. Its award-winning TrueTrace™ technology detects threats with higher sensitivity and faster clear-down than similar products. Fido X2 performs fast ten-second analysis and provides cost-effective operation with reusable sampling swipes. On-device video training provides real-time help and reduces the cost and logistical burden of recurrent training. With thousands of units fielded in over 40 countries, Fido X-series products are the most trusted handheld ETDs for critical security applications.

[www.flir.com/FidoX2](http://www.flir.com/FidoX2)



**FAST, TRUETRACE DETECTION**

Enables rapid threat screening in sporting arenas, mass transit facilities, hotels, private venues, and other critical infrastructure

- Fast three-minute start-up
- Analysis in less than ten seconds
- Rapid clear-down within seconds
- No radioactive source or hazardous materials



**BEST-IN-CLASS SENSITIVITY**

FLIR's patented TrueTrace technology detects explosives with better sensitivity than similar products

- Broad, class-based identification
- Detects multiple types of homemade, commercial, and military explosives with a single sample
- More sensitive than other products in its class
- Reusable sampling swipes, vapor detection capability



**SIMPLE, GUIDED OPERATION**

Guided user interface aids the operator with sampling and decision-making

- On-screen prompts
- Simple go/no-go alarms
- On-device video training
- Ultra-lightweight <1.5 lbs (680 g)

## SPECIFICATIONS

### Fido X2

Technology | FLIR TrueTrace™; multi-channel fluorescence technology; no radioactive source

### Sampling & Analysis

Sample Introduction | Sampling swipes for surfaces; vapor sampling with optional accessory  
 Sample Phase | Trace particulate and vapor  
 Threats | Detects homemade, commercial, and military explosives  
 Sampling & Analysis | Analysis ≤10 seconds

### System Interface

Display & Alerts | Visible, audible, and haptic (vibration) alerts; vivid, sunlight-readable color display (32k colors)  
 Localization | Language translation available worldwide  
 Communication | USB 2.0 (Mini-USB)  
 Data Storage | 10,000 discrete files; First-in, First-out (FIFO) automatic overwrite  
 Data Management | On-device report generation; export to mass storage  
 User Levels | Operator

### Power

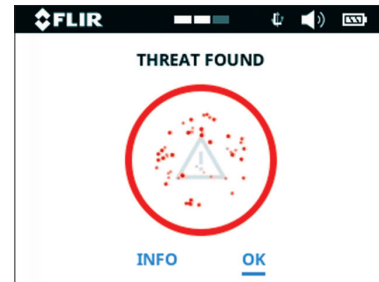
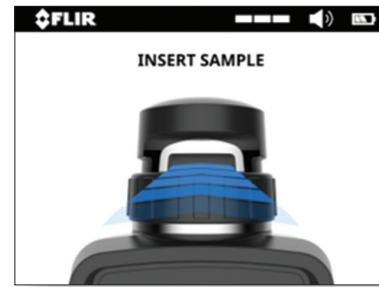
Input Voltage | 100-240 VAC (wall adapter supplied); runs device and charges battery simultaneously  
 Battery Specs | Rechargeable and swappable Li-ion battery; adapter included  
 Startup Time | 3 minutes from cold

### Environmental

Operating Temperature | 32 to 113 °F (0 to 45 °C)  
 Operating Humidity | 5% to 95% non-condensing  
 Storage Temperature | 14 to 122 °F (-10 to 50 °C)

### Physical Features

Dimensions (L x W x H) | 12.7 x 3.9 x 2.8 in (32.2 x 10.0 x 7.2 cm) - with swab desorber and battery (standard model)  
 10.6 x 4.1 x 2.8 in (27.0 x 10.5 x 7.0 cm) - with vapor sampling accessory and battery  
 Weight | 1.5 lbs (680.4 g)  
 Enclosure & Protection | Flame retardant PC-ABS alloy with aluminum reinforcements



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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