FLIR

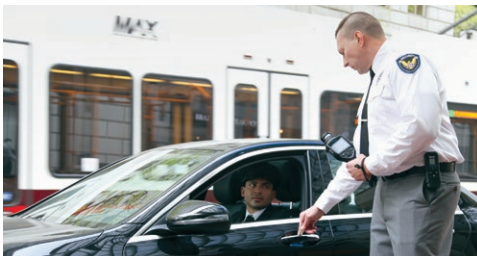**ULTRA-LIGHTWEIGHT EXPLOSIVES TRACE DETECTOR**

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

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

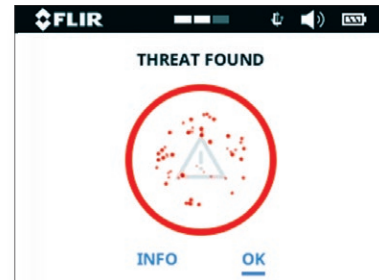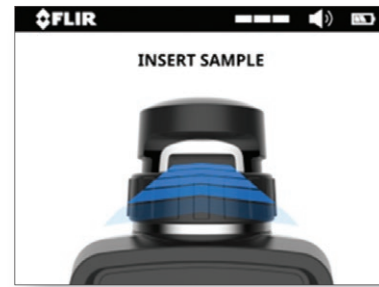| System Interface	
Display & Alerts	Visible, audible, and haptic (vibration) alerts; vivid, sunlight-readable color display (32k colors)
Localization	Language translation available worldwide
Communication	USB 2.0 (Mini-USB)
Data Storage	10,000 discrete files; First-in, First-out (FIFO) automatic overwrite
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

◆FLIR® | The World's Sixth Sense®