

# FLIR Fido™ X2

## Ultra-Lightweight Explosives Trace Detector



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.

### SUPERIOR PERFORMANCE

*Fido X2 is used by law enforcement in random or entry control checkpoints or during elevated threat patrol*

- 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

### FAST, TRUE TRACE DETECTION

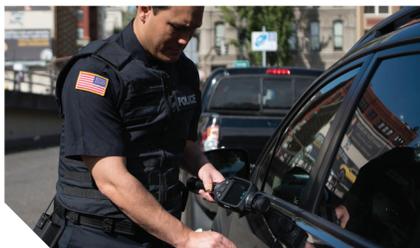
*Patented TrueTrace technology helps maximize system operational availability*

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

### SIMPLE, GUIDED OPERATION

*From power up to power down, Fido X2 guides the user through operation*

- 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.
Sample Phase	Trace particulate
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 battery
Weight	1.5 lbs (680.4 g)
Enclosure & Protection	Flame retardant PC-ABS alloy with aluminum reinforcements



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