

Product Datasheet

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 maximise system operational availability.

- Analysis in less than ten seconds.
- Rapid clear-down within seconds.
- Fast three-minute start-up.
- No radioactive ionisation 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 <680 g.

Specifications

General

Technology	FLIR TrueTrace™; multi-channel fluorescence technology; no radioactive source
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Sampling and Analysis

Sample Introduction	Sampling swipes for surfaces
Sample Phase	Trace particulate
Threats	Detects homemade, commercial, and military explosives
Sampling and Analysis	Analysis ≤10 seconds

System Interface

Display and Alerts	Visible, audible, and haptic (vibration) alerts; vivid, sunlight-readable colour display (32k colors)
Localisation	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 Specifications	Rechargeable and swappable Li-ion battery; adapter included
Startup Time	3 mins from cold

Environmental

Operating Temperature	0 to 45 °C (32 to 113 °F)
Operating Humidity	5 to 99%, non-condensing
Storage Temperature	-10 to 50 °C (14 to 122 °F)

Physical Features

Dimensions (L x W x H)	32.2 x 10.0 x 7.2 cm
Weight	608.4 g
Enclosure and Protection	Flame retardant PC-ABS alloy with aluminum reinforcements

Specifications are subject to change without notice.
For the most up-to-date specifications, please visit www.flir.com

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