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

**HANDHELD, VAPOR AND PARTICULATE EXPLOSIVES DETECTION**

**FLIR FIDO® 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.

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**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

**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