

# FIDO® X3

THE NEXT-GENERATION IN HANDHELD TRACE  
DETECTION TECHNOLOGY  
BROAD THREAT DETECTION IN A 3LB PACKAGE



## APPLICATIONS

AVIATION SECURITY  
MASS TRANSIT SECURITY  
FIRST RESPONDER  
COMMERCIAL PROPERTY SCREENING  
PERSONNEL SCREENING  
HIGH VALUE TARGET SECURITY  
CIVIL SUPPORT TEAMS  
COUNTER TERRORISM TASK FORCE

## BENEFITS

**Broad Threat Detection-** responds to traditional, homemade and liquid explosive threats

**Class-based Identification-** Can readily identify threat materials by class

**Lightweight-** Under 1.5 kg

**Rugged-** MILSTD 810g tested to survive the toughest environments

**Long-Lasting-** User replaceable 8 hour battery

**Mission Flexible-** Responds only to the threats you care about

**Upgradable-** Field upgradable potential for detection of new threats

**Easy to Use-** Simplified Go/No Go interface

**Canine Complementary-** Provides value-added capability to canine detection efforts

## OVERVIEW

Building on the success of the hundreds of Fido detectors fielded in U.S. Airports, the Fido X3 was designed with transportation security in mind. The newly redesigned Fido X3 is the lightest and most sensitive Handheld Explosives Trace Detector on the market. With its magnesium case and splash-proof seal, the Fido's ruggedized design meets the rigorous MIL-STD 810-G specifications. The Fido X3 has an 8 hour battery, starts from cold in under 5 minutes, and clears in seconds, so you spend less time waiting and more time sampling.

Adding to the capabilities of the previously fielded Fido NXT, the Fido X3 adds broad threat detection including Ammonium Nitrate, TATP, and emerging liquid threats like Hydrogen Peroxide and Nitromethane. With FLIR's exclusive Sensing Element technology, the detection channels can be controlled to alert on the threat materials you care most about. As new threats emerge, the Fido X3 will be field upgradable to incorporate new detection chemistries that are specifically designed to detect the new threats.

The Fido X3 offers broad class threat identification to aid in targeted screening operations. The system can screen liquids, solids or vapors within seconds and without waiting to adjust system configuration or temperatures. The Fido X3 ships with an advanced swipe material to increase the likelihood of detection for particulates.



# FIDO® X3

## SPECIFICATIONS

Description	Portable Explosive Trace Detector
Detection Technology	FLIR Sensing Element Technology <ul style="list-style-type: none"> <li>• Fluorescence based (Multi-channel)</li> <li>• No radioactive source</li> </ul>
Sampling	Particulate and Vapor detection
Start-up Time	Under 5 minutes from cold Under 10 seconds from sleep
Analysis Time	10 seconds or less with exclusive real-time detection capability
User Levels	Operator, Administrator
Starter Kit Options	Military, Commercial
Power	Swappable Lithium Ion battery (8 hour life dependent upon environmental conditions) AC Input: 100 to 240 V, 50 to 60 Hz wall adapter (supplied) System charges battery while running on AC power Auxiliary Battery adapter (supplied)
Com Port	USB
Data Storage	1500 hours of continuous data logging
Weight	1.36kg including battery
Dimensions	37L x 11.5W x 7H (cm)

### CORPORATE HEADQUARTERS

FLIR Systems, Inc.  
27700 SW Parkway Ave.  
Wilsonville, OR 97070  
PH: +1.800.727.3547

### WASHINGTON, D.C.

FLIR Systems, Inc.  
2800 Crystal Drive, Suite 330  
Arlington, VA 22202 USA  
PH: +1.703.416.6666

### ALPHARETTA

FLIR Systems, Inc.  
5940 Cabot Parkway, Suite 100  
Alpharetta, GA 30005 USA  
PH: 1.800.762.4796

### BOSTON

FLIR Systems, Inc.  
25 Esquire Road  
North Billerica, MA 01862  
PH: +1.800.464.6372

### HUNTSVILLE

FLIR Systems, Inc.  
Huntsville, AL USA  
PH: +1.256.325.3547

### PITTSBURGH

FLIR Systems, Inc.  
Freeport, PA USA  
PH: +1.724.295.2880

### STILLWATER

FLIR Systems, Inc.  
1024 S. Innovation Way  
Stillwater, OK 74074 USA  
PH: +1.405.372.9535

### EUROPE

FLIR Systems, Ltd.  
West Malling, Kent  
United Kingdom  
PH: +44.1732.220011

### CANADA

FLIR Systems, Ltd.  
Burlington, ON  
Canada  
PH: +1.800.613.0507

FLIR Systems, Ltd.  
3440 Francis-Hughes, Suite 120  
Laval, QC H7L 5A9  
Canada  
PH: +1.450.663.4554

### SWEDEN

FLIR Systems AB  
Täby, Sweden  
PH: +46.8.753.2500

### MIDDLE EAST

FLIR Systems Middle East, FZCO  
Dubai Airport Free Zone  
PH: +9714.299.6898

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

