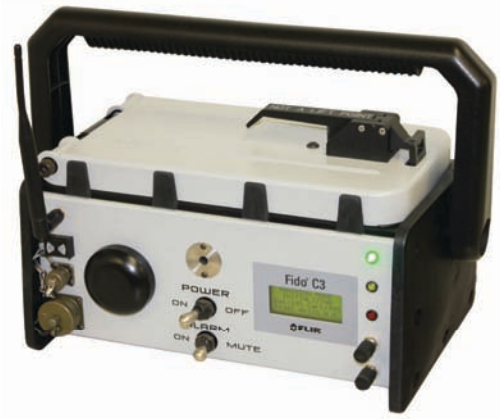
ADVANCED TECHNOLOGY FOR A SAFER WORLD

FIDO C3

Continuous Chemical Air Monitoring



The FLIR Fido C3 is the most sensitive continuous air monitor available for nerve (G- & V- series) agent detection. It uses patented enzyme technology to detect chemical warfare agents (CWAs) at cumulative exposure levels before they cause harm or loss of life. Fido C3 compliments other technologies by sensing undetected trace level CWAs and protecting people against low-level, long-term exposure. It has completed extensive third-party, live-agent tests and is fielded by government agencies as an early-warning system to guarantee rapid countermeasure deployment. Fido C3 helps first responders isolate and map hot zone boundaries and decontamination areas for effective quarantine and remediation. Security personnel employ it to protect people during incident response and to secure buildings, events, and public transit. Fido C3 completes the responder toolkit with sensitive and reliable CWA detection.

APPLICATIONS

- Monitor and detect in real-time
- Validate detection results from other sensors
- Isolate hot zone after CWA attack
- Establish a safe perimeter
- Protect first responders from exposure
- Secure public from long-term, trace-level exposure
- Monitor air inside of vehicles, buildings, or tents
- Verify decontamination efforts

FEATURES – BENEFITS

- Sensitive to long-term exposure levels below what can affect the human body
- Extremely low false positive and negative rates
- Built-in training mode
- Wireless or Ethernet networking capability
- GPS mapping of CWA threats
- Automatic data recording

LAURUS Systems, Inc. - Ph: 410-465-5558 - Fax: 410-465-5257 - www.LaurusSystems.com

FIDO C3

OPTIONAL FIDO C3 VIEWER SOFTWARE

When networking capability is desired, Fido C3 Viewer software provides real-time data in addition to the onboard red light/green light response and LCD display, a key feature for end-users that require more in-depth information. Fido C3 Viewer allows networking of up to five units for remote monitoring in real-time from a single computer (Panasonic Toughbook® included). It saves raw and processed data for subsequent analysis. The Fido C3 icons automatically locate on the map displayed on the computer screen according to GPS coordinates. These icons can also be manually located on a background if GPS is unavailable during indoor use. A map or building plan can be easily uploaded as a background. The software package includes a demonstration and training mode capable of remotely triggering Fido C3 alarms. Fido C3 can be networked wirelessly or via an Ethernet network.

SPECIFICATIONS

TECHNOLOGY

Technology	Enzymes

SAMPLING & ANALYSIS

Sample Introduction	Continuous air sampling port
Sample Phase	Vapor
Threats	Detects nerve agents
Sampling & Analysis	Sampling and analysis in <5 mins
Sample Cartridge	Operates up to 18 hrs (24 hrs optional indoors); shelf life >3 yrs when stored below 77 °F (25 °C)

SYSTEM INTERFACE

Display & Alerts	Audible alarm via built-in speaker; toggle (On/Mute); on-board visual indicator lights via LCD and LED; full display via software on external computer
LCD Screen	Provides instrument status and threat alarms
LED Indicator Panel	Green: initializing, power on; Yellow: intervention required; Red: alarm
Communication	Wired/wireless networking and GPS positioning
Data Storage	>200 hrs internal
Training Requirements	<1 hour; no special skills required
Optional Software Kit	Hardware: pre-configured Panasonic Toughbook®; Networking: Ethernet and Wireless 802.15.4 2.4 Ghz; Wireless Range: outdoor/ RF line of sight 5,000 ft (1.5 km); Indoor/ urban range 300 ft (90 m); Alarms; visual and audio alarms Communication: up to 5 Fido C3 units

POWER

Input Voltage	18-24 VDC; 100-240 VAC wall adapter included
Battery Specs	Li-ion; rechargeable battery (adapter included)
Cold Start Time	<5 mins

ENVIRONMENTAL

Operating Temp	39.2 to 113 °F (4 to 45 °C)
Operating Humidity	5% to 95% non-condensing
Storage Temp	-4 to 158 °F (-20 to 70 °C)

PHYSICAL FEATURES

Dimensions (L x W x H)	8.0 x 13.3 x 7.3 in (20.3 x 33.7 x 18.4 cm)
Weight	15.0 lbs (6.8 kg)
Enclosure & Protection	MIL Standard 810G tested

LAURUS SYSTEMS

LAURUS Systems, Inc. - Ph: 410-465-5558 - Fax: 410-465-5257 - www.LaurusSystems.com