

BATTELLE AirAlert™

# FAST, AUTOMATED AIRBORNE CHEMICAL PROTECTION



## REDUCE ON-SITE RISK

Battelle AirAlert is an automated air monitoring system that can quickly warn staff of airborne chemicals in the field, on the plant floor, or wherever they may be deployed. Our easy-to-use, portable system can detect volatile sulfur-containing and phosphorus-containing chemicals, such as VX and sarin nerve agents and sulfur mustard. In addition, a chlorine selective detector is available to monitor for chlorine-containing chemicals.

## ADVANCED TECHNOLOGY

Chemicals are detected within their 15-minute short-term exposure limits and an alarm is sounded within 10 minutes or less. Battelle AirAlert's advanced technology can detect volatile phosphorus-, sulfur-, and chlorine-containing chemicals at sub-part-per-billion concentrations.

## MONITOR WITH ACCURACY

You can access real-time data on your computer and review stored data that can be used for work environment safety validation. Complex, multi-substance work areas can be difficult to monitor but with the Battelle AirAlert you can monitor them with accuracy and quickly alert workers whenever needed.

## Mitigate risk for your employees and get validation of good practices:

- Use stored data to validate safety practices
- Be alerted quickly of airborne contaminants in the work area
- Obtain more sensitive detection of volatile airborne chemical contaminants



**LINK MULTIPLE AIRALERT DETECTORS TO ONE COMPUTER TO MONITOR AS MANY WORK AREAS AS NEEDED**

**Technical Features:**

- Dimensions: 11.5 W x 11 D x 9 H
- 13 pounds
- All electrical leads for sampling and GC components plug in for ease of replacement without removal and disassembly of GC module
- All components internal to the chassis for safety and to protect components
- RS232 communications to remote computer
- Data Acquisition System with full data audit trail
- USB data output stream (user defined)

- Planar GC module layout for ease of repair can be replaced within 5 minutes without tools
- On-board LCD / keypad
- Connectors for external sampling accessories (loop sampler and stream selector)
- Internal mass flow control for sample flow rate
- Embedded code updates and Data Acquisition System updates simple to install
- Simplified wiring (4 ribbon cables and three 6-wire harnesses)
- Sample while doing chromatography
- Custom applications development
- Training courses and field support



Every day, the people of Battelle apply science and technology to solving what matters most. At major technology centers and national laboratories around the world, Battelle conducts research and development, designs and manufactures products, and delivers critical services for government and commercial customers. Headquartered in Columbus, Ohio, since its founding in 1929, Battelle serves the national security, health and life sciences, and energy and environmental industries. For more information, visit [www.battelle.org/air-alert](http://www.battelle.org/air-alert).

800.201.2011 | [solutions@battelle.org](mailto:solutions@battelle.org) | [www.battelle.org/air-alert](http://www.battelle.org/air-alert)