

Contamination Detection Monitor (CDM – 516)

The **eNose[®] Aqua** is a very small form factor self-contained electronic sensing module for detecting chemical contaminants in bottled water containers, beverage containers and other applications.

The sensor mechanism consists of a **NoseChip™** nanocomposite sensor array and associated software capable of making a determination of clean or contaminated containers in just 2 seconds. The system provides ready, alarm, and self-test status over simple discrete and/or serial communication interfaces.

The **eNose[®] Aqua** is ready to detect within 5 seconds after each measurement cycle. This provides a capability for a single module to process up to 500 bottles per hour and more than 4000 bottles per 8 hours of operation. The performance of **eNose[®] Aqua** is proven reliable in nearly 10 years of continuous operation in bottling plants worldwide.



Features and Benefits

- Real-time continuous monitoring and alarming for chemical vapor contaminants
- Energy efficient operation on low voltage DC power
- Automatic on-board initialization
- On-board self-test and diagnostics with real-time status report
- Instrumentation interface with simple discrete or full serial communications
- Continuously adapts to ambient environmental changes
- Easily integrated into host inspection or production machinery
- Scalable to add low cost sensor modules to match line speed as needed