

## Enhanced Contamination Detection Monitor (CDM-616)

**eNose<sup>®</sup> 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 new enhanced **eNose<sup>®</sup> Aqua-E** provides the highest sensitivity and lowest limits of detection for chemical vapors of any contaminant detection system available. The **eNose<sup>®</sup> Aqua-E** sensing mechanism consists of advanced proprietary sensor modalities that extend

and enhance the performance of Sensigent's **NoseChip™** nanocomposite sensor array. Together with Sensigent's CDM software architecture, it provides rapid and accurate contaminant detection of a wide range of contaminants including cleaning products, chemicals, petroleum products, oils, juices and beverages.

The performance of **eNose<sup>®</sup> Aqua** is proven reliable in nearly 10 years of continuous operation in bottling plants worldwide. **eNose<sup>®</sup> Aqua-E** extends this performance to meet or exceed the most stringent requirements of bottled water producers. It maintains the advantages of a low cost, low power and small form factor sensor for easy integration in high speed leak detectors and stand alone (sniff only) contamination detection systems. The modular design provides for flexible detection systems operating from low speed (100 bph) to the highest line speed (3000 bph).



### Features and Benefits

- Real-time continuous monitoring for chemical vapor contaminants
- Highest sensitivity, lowest detection limit available
- Versatile for use in leak detectors & sniff-only contamination detectors
- Scalable to add low cost sensor modules to match line speed as needed
- Automatic initialization, self-test and diagnostics with real-time status report
- Environmental protection (IP 67) in rugged, waterproof enclosure
- Instrumentation interface with simple discrete or full serial comms.
- Easily integrated into host inspection or production machinery