

Contamination Detection System (CDS – 400)

The **eNose[®] QA** is a rugged, handheld detection system for chemical vapor contaminants in bottled water containers and food and beverage containers. It is also used for detection of chemical leaks (refrigerants, fuels) and in other applications. **eNose[®] QA** can be used throughout a facility to check multiple processes.

The sensor mechanism consists of a **NoseChip™** nanocomposite sensor array and associated software capable of making a determination of clean versus contaminated samples or leaks

in 3 seconds after pulling the trigger. Tens of thousands of tests are made per year. The system provides ready, alarm, and self-test status via indicators (LED, LCD) and alarms.

The **eNose[®] QA** is ready to sample on an 8 second measurement cycle. This provides a capability to process hundreds of samples per hour. It can also be used by delivery personnel to inspect and reject dirty bottles prior at pick up prior to return to bottling plants for recycling and reuse.



Features and Benefits

- Point-of-use detector for chemical vapor contaminants and leaks
- Detects residues of products, cleaners, hydrocarbons and unknowns.
- On-board self-test and diagnostics with real-time status report
- Intuitive interface with simple status indicators
- Operates in a wide range of ambient environments
- Portability to inspect incoming materials to final production.