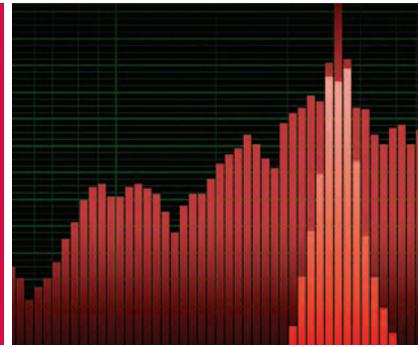


# FlexSonic™ Acoustic Leak Detector

Revolutionary Protection  
in Real-World Environments



# Hazardous Locations Need Another Layer of Detection



Windy, harsh or changing environmental conditions can compromise traditional catalytic and infrared sensors. By the time a gas cloud triggers an alert, it could reach a highly explosive state.

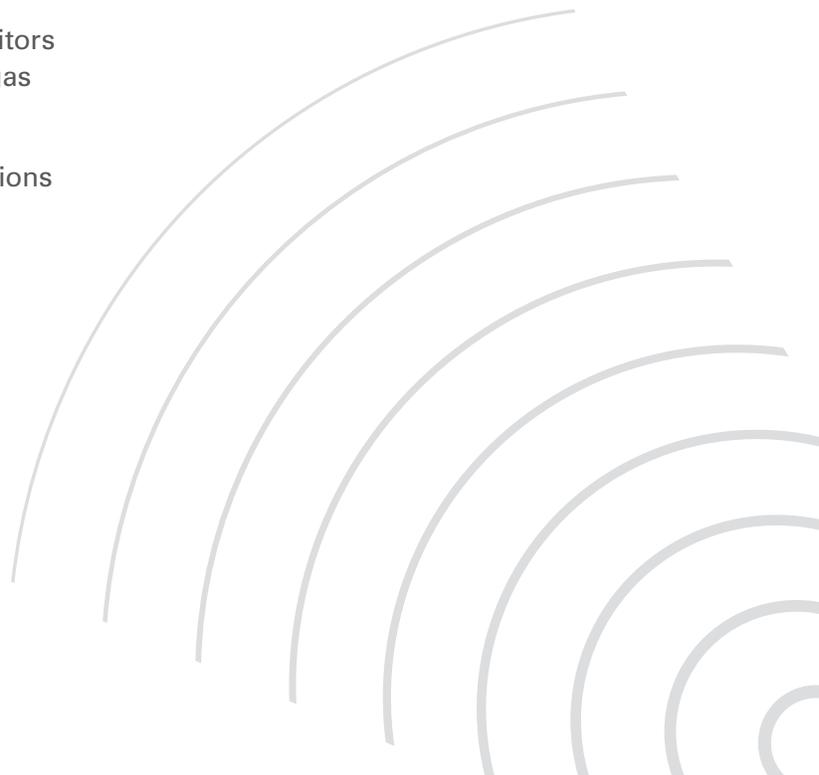
**One out of four gas leaks go undetected, according to Great Britain's Health and Safety Executive.<sup>1</sup>**

## FlexSonic™ Hears Gas Leaks Others Don't— the **Instant** They Occur

Its true high-fidelity microphone continuously monitors for the distinct ultrasound emitted by pressurized gas leaks, across the widest spectrum of frequencies.

- ▲ Detects leaks instantly under virtually all conditions
- ▲ Performs automatic self-check to ensure the detector is working

<sup>1</sup>Health and Safety Executive Offshore Information Sheet No. 10/2008  
"Fire and explosion hazards in offshore gas turbines."



# FlexSonic™ Detects Leaks Against a Wide Spectrum of Background Noises



Discover a revolutionary step forward over low-fidelity, acoustic detectors.

- ▲ The first non-contact gas leak detector of its kind that recognizes unique sound “fingerprints”
- ▲ Analyzes 24 discrete ultrasonic bands
- ▲ Ignores nuisance ultrasonic sources
- ▲ Place where it is needed, with no need to desensitize

## RUGGED INDUSTRIAL QUALITY

- ▲ Designed to withstand dust and water
- ▲ Operates in arctic and tropical conditions



# Our Patented Technology Learns Sounds That Interfere with Other Acoustic Detectors



## SEE WHAT YOU'RE NOT HEARING

- ▲ Recognizes actual acoustic gas leak "signature"
- ▲ Identifies potential false alarm source



Unlike traditional devices, FlexSonic™ can be programmed to ignore background noises.

- ▲ Highest level of false alarm discrimination of any acoustic gas leak detector
- ▲ Discerns between gas leaks and environmental noises, such as metal-on-metal contact, fans, machinery or vehicles
- ▲ Adapts to noisy situations—learns both regularly occurring and randomly occurring sounds



# Multi-Spectral Detection That Delivers State-of-the-Art Monitoring



FlexSonic™ improves productivity through cost and time savings.

- ▲ Save startup time with onboard acoustic learn mode that recognizes real leaks and tunes out false positives
- ▲ Removal memory module (SD card)
- ▲ Save troubleshooting and field-service cost with downloadable historical data for rapid analysis
- ▲ Use sound analysis to identify potential issues with plant equipment
- ▲ No calibration required



# The Global Leader in Fire and Gas Safety Systems



X3301 Multispectrum  
IR Flame Detector



PointWatch Eclipse® IR  
Combustible Gas Detector



FlexVu® Universal Display  
with GT3000 Toxic Gas Detector



Eagle Quantum Premier®  
Safety System

92-1067-1.0

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