Revolutionary Protection in Real-World Environments



DET-TRONICS

FlexSonic® Acoustic Leak Detector



Overview—Fast and Reliable in Challenging Environments

THE FLEXSONIC® ACOUSTIC DETECTOR HEARS GAS LEAKS OTHERS DON'T—THE INSTANT THEY OCCUR

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

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 UK's Health and Safety Executive.[1]

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











Patented Technology Delivers Significant Advancement over Other Acoustic Detectors

A REVOLUTIONARY STEP FORWARD

- The first non-contact gas leak detector that recognizes unique sound "fingerprints"
- Analyzes 24 discrete ultrasonic bands
- Nearly instantaneous response

HAZARDOUS LOCATIONS NEED THE FLEXSONIC DETECTOR

- Rugged industrial quality with globally approved explosion-proof stainless steel housing
- Suitable for harsh outdoor applications, unmanned operations and extreme temperatures
- Place where it is needed, with no need to desensitize

CUSTOMIZE FLEXSONIC TO YOUR CHALLENGING ENVIRONMENT

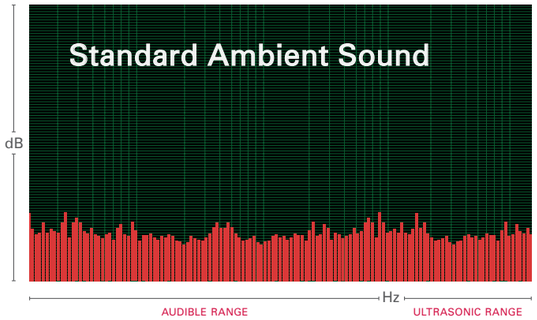
- Discerns between gas leaks and environmental noises, such as machinery, fans, metal-on-metal contact, or vehicles
- Adapts to noisy environments—learns recurring and random sounds
- Provides highest level of false alarm discrimination

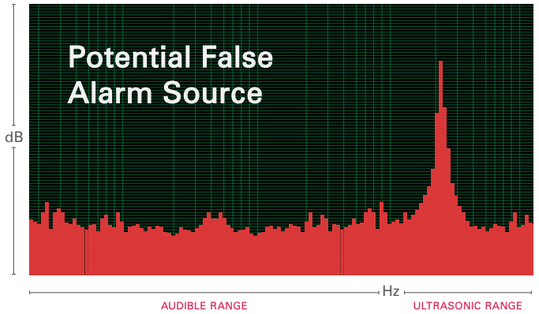
THE FLEXSONIC DETECTOR SAVES TIME AND COST

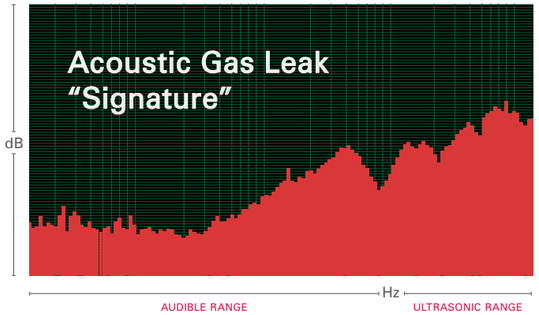
- Large detection coverage area
- Saves troubleshooting and field-service cost with extensive data logging with removable storage
- Integrated automatic integrity check to ensure the detector is working
- No routine calibration required
- Certified SIL 2 capable

SEE WHAT YOU'RE NOT HEARING

- Wide acoustic dynamic range
- Recognizes actual acoustic gas leak "signature"
- Superior false alarm discrimination with patented technology
- Detects both toxic and combustible gas leaks at or below 6 bar (87 psi)









A Global Leader in Fire and Gas Safety Systems

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PROTECTING LIVES





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