

SONIC LEAK DETECTOR



The Sonic Leak Detector is a low cost instrument that allows the rapid detection of pressurised gases escaping from any form of plant system. The ultrasound “noise” generated by a leak can be easily detected by the hand-held unit and the leak location rapidly and accurately identified through the headphones. The red laser pointer accurately and safely pinpoints the source of the leak while the wide range of frequencies that can be detected by the unit range from 20 to 100 kHz. This greatly increases the likelihood of detection, as most standard leak detectors only offer detection of ultrasound noise at 40 kHz. The Sonic Leak Detector significantly reduces leak detection times and produces substantial cost savings.

SONIC LEAK DETECTOR APPLICATIONS

- Locates leaks in air, steam and non-flammable gas systems including pipes, fitting, valves, cylinders and pressure vessels.
- Locates electrical arcing.
- Pinpoints leaks in brake systems, tubes, tires and radiators.
- Detects leaks in Vacuum systems.
- Finds the source of wear in bearings.
- Detects air conditioning and refrigeration leaks.

TECHNICAL SPECIFICATIONS

- Ultrasound Frequency Range: 20KHz - 100KHz
- Microphone: Broadband electret
- Operating Controls: ON/OFF and headphone volume
- Features: Red laser pointer to precisely locate the leak and 3.5mm stereo jack plug (suitable for stereo or mono headphones)
- Unit Dimensions: 190 x 90 x 60mm
- Unit Weight: 190g
- Headphones Weight: 50g
- Temperature Range: -10°C to + 50°C
- Power Supply: 1 x 9v PP3 disposable or rechargeable battery
- Battery Life: 40 hours nominal with a PP3 alkaline battery
- Carry Case Dimensions: 220 x 200 x 80mm
- Operational Weight: 244g
- Shipping weight: 600g
- ISO 9001:2015 Certificate Number GB13487
- International Institute of Marine Surveyors (IIMS) Corporate Membership Number C508
- NATO Commercial And Government Entity (NCAGE) Code U0B22

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