

LeakTuner

Acoustic leak listening device



DID YOU KNOW?
DRINKING WATER LEAKS CAN
CAUSE DAMAGE
TO MASONRY SEWERS

LeakTuner

Accurate and innovative, the LeakTuner leak-listening device locates leaks in water distribution pipelines with superior precision. Featuring simple menu-driven controls, this durable, light instrument offers superior sound quality and flexibility of operation.

With its finely tunable filters, LeakTuner can be customized to suit operators' needs and preferences. Not only can users choose frequency ranges from preprogrammed settings for all pipe types that best allow them to hear leak noise, the range can also be set to eliminate other sources of noise — a problem for some leak-sounding equipment. LeakTuner's ability to substantially reduce both electronic "white" noise as well as ambient background noise enables users to discern even the quietest leaks.



- High-quality audio amplifier for superior acoustic quality
- Simple-to-use menu-driven controls
- Fully electronic push-button operation
- Compact waterproof IP68 housing
- High-impact rubber boot for 500g shock resistance
- Long-life rechargeable batteries
- Continuously adjustable high- and low-frequency filters
- EMI-immune low-noise ground microphone
- EchoFoot - Optional noise-reducing ground microphone with EMI-immune circuitry
- Ability to store and recall leak-level history
- Pre-programmed pipe types that automatically set audio filters to optimum settings

Field Notes

I did leak detection training in 3 communities last week. The listener worked great. This may be right in the price range for towns that can't afford a regular acoustic leak detector but want more than the geophones. It was real handy for hydrant and curb stop surveys, tracked down 8 of those leaking last week with it.

*Gerry Lahey, Trainer,
Newfoundland Department of Environment and
Conservation (DOEC)*

Technical Specifications

- External high-sensitivity piezoelectric accelerometer, 1V/g
- Specifically designed to reject ambient noise
- Waterproof to IP68
- Microprocessor-controlled, with upgradeable firmware
- Simple menu-driven operation
- Infinitely adjustable filters
- Low-pass filter adjustable from 140-3500 Hz
- High-pass filter adjustable from 14 Hz to 350 Hz
- Rubber boot for shock resistance to 500g
- Rechargeable Li-Ion battery providing 48 hours of continuous use
- Anti-clipping circuit to protect hearing
- Available in English, French

Warranty

Two-year limited warranty. Warranty does not cover failure resulting from misuse, accident, modification, field maintenance and unsuitable physical or operating environment.

EchoFoot Ground Microphone (optional)

- EMI-immune design
- Switchable between high- and low-frequency mode for superior performance
- Acoustically designed to reject exterior noise and isolate the sensor

Supplied Headphones (Koss UR 20)

- 600 ohm impedance
- Linear response 30-20K Hz +/- 3dB
- Sensitivity: 100 dB SPL/ 1mW
- Distortion: <.3%
- Weight: 10 oz (283 g)
- Impedance: 32 ohms



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