SubSurface Leak Detection, Inc.®

MODEL LD-15 PROFESSIONAL'S LEAK SURVEY INSTRUMENT

Displaying leak loudness at a water meter

Pinpointing a water leak directly over the pipe

Surveying for water leak sounds at a meter

Surveying for water leak sounds at a hydrant

WCT™ PRODUCTS

Since 1980

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LD-15 PROFESSIONAL'S LEAK SURVEY INSTRUMENT

Standard Items

1. Amplifier with Meter Display and Filter Controls
2. Padded Case and Standard Belt (40 inches)
3. High Sensitivity Sensor and Cable
4. Base Plate for Listening on Street Surfaces
5. Aviation-Grade Stereo Headphones
6. Heavy-Duty ABS Plastic Carrying Case

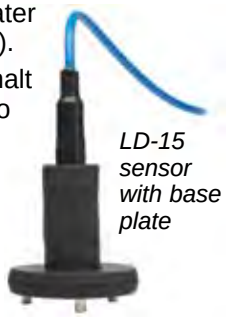
Optional Accessories

7. 40 inches Long Contact Rod (not shown)
8. 60 inches Long Contact Rod (not shown)
9. Large Size Belt (50 inches)
10. Extra Large Size Belt (60 inches)

Features

- High sensitivity sensor with Neodymium magnet (extra strong). Sensor and cable connection completely sealed and water-proof (submersible).
- Amplifier with superior audio quality (very low distortion and superior signal-to-noise ratio) and large meter display. Press the Mute Switch to hear sounds when you are ready.

- "Survey" for water leaks by listening at hydrants and valves with the sensor and magnet. Survey at water meters with a Long Contact Rod (optional).
- "Pinpoint" water leaks in pipes under asphalt or concrete with the base plate attached to the sensor and magnet.
- Use the High filter range for water leak surveying. Use the Low filter range for water leak pinpointing. High frequency leak sounds travel on the pipes, but only low frequencies pass through the soil.



LD-15 sensor with base plate

Specifications

Amplifier

• Amplification	: 56 dB
• Filter Ranges	: 1) High Range 30 Hz to 5000 Hz 2) Low Range 30 Hz to 800 Hz 3) Notch Filter 150 Hz, 180 Hz
• Power	: 4 C dry cell batteries
• Battery Life	: 80 hours with alkaline batteries at 68 degrees F
• Weight	: 31 ounces (including 4 C batteries)
• Size	: 6.4" x 3.0" x 5.7" (163mm x 76mm x 144mm)

Sensor

• Sensitivity	: 10 V/g
• Resonance Frequency	: 950 Hz (±150 Hz)
• Weather Protection	: IP68 or equivalent (3 ft under water for 3 hours)
• Cable Length	: 9.75 ft

Manufactured by:

SubSurface Leak Detection, Inc.®

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