

LD8000 Leak Detector

Rycom Instruments® makes utility locating as accurate as you need, as simple as you want.

- Geo-phone listens for audible cues created by escaping liquids to indicate the location of leaks in pressurized pipe systems
- Wide acoustic range of 50 Hz to 4000 Hz locates leaks in cast or PVC
- Digital noise-cancelling headphones diminish environmental noises that mask leak cues
- Six digital wave filters enhance the leak cues that are important to accurate locating
- Backlit digital display for low-light reading
- Weather proof membrane buttons

The LD8000 Leak Detector is a state-of-the-art leak detector designed to meet the demands of the professional leak finder. Specifically engineered to locate and pinpoint leaks in water and pressurized pipe systems, the LD8000 listens for vibrations generated by the pressure change of escaping liquids and gasses.

Vibration radiation created by the escaping liquid is collected using a geo-phone ground sensor and fed to Digital Wave Filtering Chips in the main unit. These digital noise filters reduce unwanted noises and interference in the locators immediate testing environment and help to highlight the leak cues. Isolating the leak vibration creates the best situation for qualified and accurate leak detection. Detection capabilities are enhanced with six user selectable band pass frequencies – 100 Hz, 200 Hz, 300 Hz, 500 Hz, 800 Hz, and 1200 Hz. By restricting vibration cues outside the frequency band the LD8000 is able to help the locate

isolated leak vibrations. When used at its lowest frequency range of 100 Hz, the bell curve frequency response of the LD8000 makes it suitable for finding leaks in PVC.

Leak vibrations and signal strength are indicated to the user audibly through the noise cancelling headphones and visually via the integrated LCD panel. Housed in rugged ABS plastic, the LD8000 receiver is designed to withstand the environmental hardships of daily field use.

Each LD8000 unit comes complete with a digital receiver, receiver probe, ground sensor, ground probe rods, noise cancelling headphones, charger, spare NI-MH rechargeable batteries, user manual, and rugged aluminum instrument case.

Rycom Instruments®, Inc. locators are designed and manufactured to make utility locating as accurate as you need and as simple as you want. For more information on the LD8000, or any other Rycom Instruments® product, please call us toll free at 1-800-851-7347 or visit us online at www.rycominstruments.com.



Each LD8000 comes complete with a digital receiver, noise-cancelling headphones, receiver probes and ground sensors, spare Ni-MH rechargeable batteries with charger, and a rugged aluminum instrument case.

RYCOM
instruments, inc.

www.rycominstruments.com
Accurate Utility Locating Made Simple

LD8000 Specifications

Receiver

Dynamic Magnifying Range: 120 dB

Frequency Analysis Scope: 50 to 4000 Hz

Frequency Grade: 100 Hz, 200 Hz, 300 Hz, 500 Hz, 800 Hz, 1200 Hz

Display Mode: Single horizontal bar display

Figure Display: 0 to 100 relative value display

Displaying Monitor: 128 x 64 single color LCD monitor

LCD Panel Back Light: Controllable, automatic delay shut-off

Power Source: 7.2 V Ni-MH rechargeable batteries

Battery Life: 35 hours without backlight, 10 hours with backlight

Mute Button: Operator activated mute switch to avoid intense or sharp noises while operating the unit

Working Temperature: 14° F to 133° F (-10° C to 50° C)

Storage Temperature: -10° F to 158° F (-10° C to 70° C)

Instrument Pack Dimensions:

20.2" x 12.5" x 6" (51.5 cm x 32 cm x 15 cm)

Gross Weight: 12 lbs (5.6 kg)



WARRANTY: One-year warranty from date of delivery against defects in material and workmanship (EXCEPT BATTERIES) on all instruments. This warranty is void if, after having received the instrument in good condition, it is subjected to abuse, unauthorized alteration or casual repair. We will repair or replace products that prove to be defective during warranty period. NO OTHER WARRANTY IS EXPRESSED OR IMPLIED. THE WARRANTY DESCRIBED IN THIS PARAGRAPH SHALL BE IN LIEU OF ANY OTHER WARRANTY, INCLUDING, BUT NOT LIMITED TO, ANY IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE. WE ARE NOT LIABLE FOR CONSEQUENTIAL DAMAGES. **Terms:** Net 30 days, Missouri sales tax charged where applicable. **Shipping & Delivery:** All orders are FOB Raytown, MO. Specifications subject to change without prior notice.

RYCOM Instruments*, Inc. is a leading manufacturer and global supplier of cable, pipe and fault locating equipment. Established in 1946, RYCOM Instruments* Inc. maintains a state-of-the-art production facility and engineering department. Our guarantee is to deliver our customers a superior product and the locating equipment they need.

RYCOM Instruments*, Inc. locating devices are designed and manufactured to make utility locating as accurate as you need, and as simple as you want.



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