

Locators M-1

Leak Detectors

DLD Digital Leak Locator For Buried Water Lines



Features:

- Digital sound quality
- Sensitive and easy to use. LCD for visual cue of leak
- Accentuates water leak sounds, reduces loud noises
- Digital filters block ambient noise
- Automatic rejection of electrical interference
- Lightweight

Technical Specifications:

Digital Audio Processor Unit:

- Frequency range: 30 - 4,000Hz
- Power supply: 2 AA alkaline batteries
- Battery life: > 12.5 hours continuous listening
- Display: LCD
- Protection: IP54, weatherproof, splash-proof
- Weight: 15 ounces
- Dimensions: 5" x 3.5" x 1.5"

Universal Sensor:

- Type: High-resolution piezo-ceramic
- Sensitivity: 20V/g
- Resolution: 0.05µg/ Hz
- Protection: IP68, waterproof, fully submersible
- Shock proof: 6,000g

Ground Microphone Unit:

- Dimensions: Height - 34"; Disk - 4.5" diameter
- Weight: 2 lbs. with sensor attached
- Materials: Rod - anodized aluminum
- Disk - stainless steel



Universal Sensor

High-Resolution, Waterproof Universal Sensor:

- Contact microphone for meters and fittings
- Ground listening plate with quick-release sensor
- Magnetic base for hydrants and valves

**Ask your EJP sales representative
for a free demonstration**

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Locators M-2

Leak Detectors

Unilog Digital Sound Logger



- Reveals where to spend leak locating resources
- Surveys wide areas
- Shows where leaks are probable
- Simple and Fast; reduces survey cost by more than 90%
- Deploy overnight, several effective deployment strategies can be used
- Works on all types of pipe
- Deployment range of 250 to 2500 feet
- Software manages deployment, aids in tracking
- Excellent for rural and urban locations and transmission and distribution applications

Technical Specifications:

- Enclosure: ABS plastic housing, polycarbonate light port, steel base
- Mounting: Magnetic, 44 pounds pull-force
- Dimensions: Diameter = 2 $\frac{5}{8}$ " , height = 4"
- Weight: 9 ounces
- Operating temperature range: -20°F to +140°F

DigiCorr III



Digital Leak Locator

- Pinpoints leaks, extremely accurate
- Detects small leaks
- Effective on all types and sizes of pipe
- Deploy sensors up to 1 mile apart
- Fast and easy; assesses 1 mile of pipeline in approximately 15 minutes
- Minimizes excavation
- Flexible, systematic management tool
- Reduces leakage by 75%
- Sustains low leakage levels
- Reduces emergency response time and cost

Technical Specifications:

PIPELINE SENSORS

- Accelerometers: Sensitivity = 12V/g; Noise < 0.016 μ g / \sqrt Hz; Bandwidth = 1 – 4,000 Hz
- Hydrophones are available for in flow measurements

FSU RADIO TRANSCEIVERS

- Noise-free digital transmission
- ISM/LAN 2.4 GHz spread spectrum, license-free worldwide, FCC/ETSI approved
- Range up to 3,000 feet (line-of-sight)
- Two-way communication with base station radio transceiver

DATA ACQUISITION

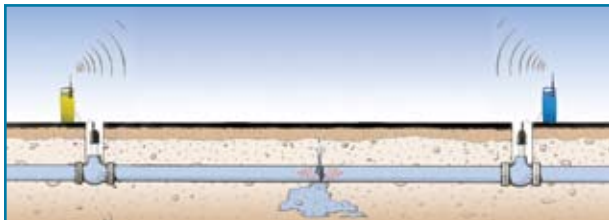
- Intelligent automatic gain = 10 – 80,000
- 16-bit data acquisition, 92 dB dynamic range, sampling rate = 5 kHz

POWER SUPPLY

- Intelligent power management
- Up to 32 hours battery life, rechargeable & replaceable
- Re-charger for FSUs from AC outlet or standard auto DC

PHYSICAL CHARACTERISTICS

- Size and weight: 4.25 x 4 x 8 inches, 6.5 pounds
- Rugged, metal, weatherproof enclosure



Locators M-3

Leak Detectors

ZCORR

Digital Loggers for Distribution System Surveys and Leak Management Programs



- Great tool for implementing Leak Management Program
- Reduce leakage, minimize “unaccounted for water”
- A variety of deployment options and strategies can be used
- Overnight surveillance is possible, simple and easy
- Pinpoints exact leak location
- Identifies multiple leaks
- Logger deployment range of 400 to 4000 feet
- Proactive approach can greatly improve your piping system performance
- Reduces costs and lost revenues associated with water leakage throughout your distribution system

Technical Specifications:

DIGITAL CORRELATING LOGGER (DCL)

- Enclosure: Aluminum, cylindrical
- Protection: IP68 – fully submersible
- Dimensions: Height = 5 inches, Diameter = 2.5 inches
- Operating temperature range: -20 to +140°F
- Mounting: Magnet, 40 lbs (18 kg) pull force
- Power Source: Lithium battery, 5-year life, factory-replaceable, non-rechargeable

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Water Costs Money... Don't Waste It!

STREAM DIA. @ 60 PSI		WASTE PER QUARTER			
INCHES	MM	GALLONS	LITERS	CUBIC FEET	CUBIC METERS
1/4"	6.5	1,181,500	4,472,000	158,000	4,475
1/8"	3.2	296,000	1,120,360	39,400	1,115
1/16"	1.6	74,000	280,100	9,850	280
1/32"	0.8	18,500	70,020	2,465	70

Unaccounted For Water is Lost Revenue!

Pipeline Specialists



Everett J. Prescott, Inc.

Call EJP For:

- Leak Locating Service
- Detection Equipment Sales
- Detection Equipment Rentals
- Leak Management Surveys and Solutions

For more information on this valuable service see Section P — Service Work or call your local Team EJP sales office.