

Eureka2R

Leak location correlator for routine operations

Eureka2R is an advanced system for the accurate pinpointing of underground fluid leaks, prior to excavation. The system has been proven to perform world-wide and can be used effectively on all types of pipe – not only metallic, but also plastic and asbestos cement.

Benefits

- Fast and simple, enabling rapid leak location
- Optimum correlation performance
- Palm-top size and weight
- Rugged construction for routine operations
- For non-specialist and experienced users

Optimising performance and investment

Operator confidence is essential in determining where to excavate for accurate leak location and subsequent repair. Eureka2R provides this confidence by virtue of its innovative design, simple operation, clarity of displayed information with, at the same time, sophisticated features. The result is optimum performance and return on investment.

Palm-top size

The correlator size and weight are unique. Attention to the ergonomic design has resulted in a small, lightweight instrument that can be easily held in one hand.

Fast-Track or Advanced operation

Eureka2R can be used in two modes – Fast-Track or Advanced. The Fast-Track mode can be used quickly and reliably, involving only three operations for basic leak pin-pointing. The Advanced mode incorporates features such as unwanted noise suppression, velocity calculation, filter adjustment, display zoom and saving results.



The correlation display is shown directly as distance (unlike most correlators where a display of time-delay is used). This has the benefit, particularly in



multiple pipe situations, of giving a displayed result directly proportional to distance on the ground.

Features

- Automatic and manual filter selection
- Unwanted noise suppression
- Fast, automatic battery charging from mains or vehicle; minimises equipment down-time.
- Battery level and radio strength displays
- Built-in language options
- A4 print-out
- Software upgradeable

As a simple and rugged performer – it's a tough act!

The perfect tool for non-specialists and more routine use by experienced practitioners



Optional components

• **Hydrophone sensor**

This makes direct contact with the water via hydrants, etc. The low frequency response provides better leak detection in difficult situations.



• **Ground microphone**

Used for direct surface listening for leak noise. In this way the Eureka2R becomes two instruments in one.



• **Correlator reference unit**

A precise time-delay standard which checks leak position indication and sensitivity of the correlator. It provides a means to meet ISO commitments without correlator return-to-factory.



- **Sensor extension cable**
- **Accelerometer grip attachment**
- **Magnetic vehicle mount aerial**
- **Portable (A4) printer**
- **Eureka to PC cable**
- **Rugged transport case (small)**
- **Rugged transport case (large)**
- **Measuring wheel**

Part Numbers

Eureka 2R - Single Radio Correlator (includes small transport case)	CXG 007
Eureka 2R - Dual Radio Correlator (includes small transport case)	CXG 005
Hydrophone (set of two in carry bag) - no pipe fittings	CXG 412
Correlator Reference Unit	EXG 081

- 1 Leak position
- 2 High definition, wide temperature, specification display
- 3 Back-light for display and keys
- 4 Specialised functions controlled by 'soft' keys
- 5 Alpha-numeric keys
- 6 Enclosure weatherproof to IP65
- 7 Battery level
- 8 Message area
- 9 Pipe model with pipe and sensor details
- 10 Correlation display directly proportional to distance on ground
- 11 Radio signal strength indication

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