



EUREKA5

A tablet PC based state of the art Leak Noise Correlator for pinpointing leak locations.

SYSTEM PERFORMANCE

Time delay range	±2500ms
Maximum distance (theoretical)	Iron pipe; 3000 metre PVC pipe; 1300 metre
Distance resolution	0.1 metre
Signal sampling	16 bit
Signal frequency range	3Hz – 5000Hz
Multiple pipe entry	Maximum six materials
Noise suppression function	Yes
Coherence function	Yes
Velocity correction function	Yes
Leak noise post-processing	Via Web Upload
Display	Tablet
Suitable for use in sunlight	Yes
GPS position feature	Yes
Internal Memory	As tablet
Battery operating time:	7 hours (typical operation with automatic power save)
Language availability	Multiple
Protection rating	IP65
Dimensions	As tablet
Weight	As tablet
Operating temperature	As tablet

TRANSMITTER

Radio frequency range	407 – 472MHz (dependent upon country of use)
Power output high/low	0.5 W / 50mW
Battery operating time	12 hours (depending upon usage pattern)
Recharge time	3 hours (temperature dependant)
Protection rating	IP67
Dimensions (not including antenna)	185mm x 65mm diameter
Weight	0.52kg
Operating temperature	-10°C to +50°C
Charging Temperature	0°C to +45°C

ACCELEROMETER SENSOR

Sensitivity Cable length	10V/g 2m
Protection rating	IP68
Frequency range	0-2400Hz

HYDROPHONE

Sensitivity	-195dB
Frequency range	0-1200Hz
Attachment	1" BSP connection or NPT connection

BATTERY CHARGER

Transport case	Ruggedised with in-case battery charging
Mains charger	110/240 VAC 50/60Hz
Vehicle charge	12 VDC

OPTIONAL EXTRAS

Hydrophone sensors (x2), Sensor extension cables, Magnetic vehicle mount antenna, Measuring wheel

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