

AQUASCAN 610

Cordless Correlator for Detection of Leakage Point in Pipe



Description :

Probably the best correlator in the world; This compact cordless correlator is packed with powerful correlation technology and becoming one of the worlds best selling and most popular leak noise correlators.

Features :

- Ultra compact 'CORDLESS' correlator.
- 'Streetworks Act' friendly sensors with built-in radio transmitter.
- Highest precision on all pipe materials.
- On-site velocity check.
- Fully automatic, 'wizard assisted' operation.
- Advance Spectrum Analysis (ASA) optimizes filter setting.
- High measurement resolution: 16,000 points
- Designed to locate difficult leaks including uPVC and MDPE.



Ultra compact 'CORDLESS' correlator

Weighing only 1.2 kg, it is smallest LNC fitting into the pocket of any leak detection operator. A single multi-task connector serves for either battery charging, using hydrophones, attaching a sensor (single channel version only) or using the ground microphone Aquascope.

'Streetworks Act' friendly radio/sensors

Equally compact transmitters with integrated accelerometers (no more cables!) allows working with closed hydrant and valve covers.

Specifications :

Pipe material: All common pipe materials; mixed material mode
Sound velocity: Sound velocity table and on-site velocity check
Correlation resolution: 16,000 points
Correlation accuracy: 1 cm for 100 m (1" for 1,000 ft)
Correlation method: 18-bit amplitude correlation
Display: High resolution LCD-display with background illumination (12 x 9 cm: 4.7" x 3.6")
Filter: Automatically selected, manually infinitely adjustable
Frequency analysis: FFT, coherence and ASA (Advanced Spectrum Analysis)
Notch filter: User selectable
Frequency response: 1-5000 Hz
Peak suppression: Unlimited, user selectable
Memory capacity: Up to 60 correlations with all measurements data to enable post-processing of correlation with changed parameters
Multimedia card: Optional MMC for additional data storage, e.g. real leak noise for audible playback on PC or laptop
Sensors: Ultra compact high sensitivity piezo-ceramic sensors with built-in radio transmitter and magnetic fixing
Output: Bluetooth for headphone and data transfer to PC Multi purpose socket for battery charger, hydrophones, ground microphone and hand-probe
Power: Correlator and sensors: Rechargeable 3.7 V Lithium polymer battery
Battery charge life: Correlator: up to 12 hours, Sensors: up to 8 hours
Dimensions: Correlator: 220 x 140 x 35 (40) mm (8.6" x 5.5" x 1.4")
Transmitting sensors: Ø 61 mm x 128 mm (Ø 2.4 x 5")
Weight: Correlator: 1.2 kg (2.6 lb.) Transmitting sensors: 0.8 kg (1.8 lb.)



Item Code : ST-AQ610 **Product Supply Includes :** 1 Correlator with antenna and carry strap, 2 Transmitting sensors with antenna and handle, 1 12 V vehicle charge cable with 3 connectors for correlator and sensors, 1 100-240V AC adapter, 1 Correlator carry case