

AQUASCAN 700[®]

LEAK LOCATING CORRELATOR



The first portable correlator with colour touch screen and multiple correlation.

Advanced Features:

- ▶ The first portable correlator with colour touch screen
- ▶ Simultaneous multiple correlation of up to 12 different frequency bands
- ▶ Easy handling thanks to on-screen guidance and touch screen
- ▶ Highly accurate pinpointing of leaks - even long pipe sections
- ▶ High measurements resolution: 16,000 points
- ▶ Designed to locate difficult leaks including uPVC and MDPE
- ▶ Highly sophisticated FFT and coherence analysis
- ▶ Multi peak suppression facility

Simple visual interpretation

A large 10" colour display offers simple visual interpretation of complex measurement analysis.

Simultaneous multiple correlation

The AQUASCAN 700 is capable of presenting simultaneous correlation of up to 12 different frequency bands.

Multiple frequency suppression

Each individual frequency band can be included or excluded by a simple touch of the screen. Gutermann's range of high-end AQUASCAN models are the only correlators offering multi frequency suppression, the most sophisticated in-depth frequency analysis ever realized in a high performance correlator, providing results where other correlators fail.

Detailed leak noise analysis including FFT and coherence

The detailed leak noise analysis displays the presentation of the FFT of each sensor as well as the coherence showing the noise frequencies, which are common to both sensors. This enables the user to fine-tune the filter settings and to eliminate disturbing ambient noises.

Peak suppression eliminates interfering noise sources

Accidental or permanent consumption on the pipe section under investigation is a frequent problem for conventional correlators, often rendering leak detection impossible. The AQUASCAN 700 enables the suppression of any pipe subsection or correlation peak caused by disturbing non-leaks sources, such as water consumption.

System configuration:

- 1 AQUASCAN 700 correlator
- 2 Remote transmitter units
- 3 Antennae
- 2 High sensitivity piezo-ceramic sensors with magnetic fixing
- 1 Stereo headphones
- 1 Connecting cable to a 12 V vehicle cigarette lighter
- 2 Year warranty