

# **AQUASCAN 900**®

**DIGITAL MULTI-POINT CORRELATOR**



**The World's first and smallest PDA Correlator converts a standard Palm Handheld into the most powerful Digital Multi-point Correlator**

**Features:**

- ▶ First Palm hand-held operated correlator
- ▶ Ultra compact sensors with built-in radio transceiver
- ▶ Fully digital
- ▶ Highest precision on all pipe materials
- ▶ Multi point correlation with 3 or more radio sensors
- ▶ Automatic velocity check
- ▶ Fully automatic filter and parameter setting
- ▶ Enter pipe details at site, or later
- ▶ Powerful transceiver for interactive communication
- ▶ Remote listen to any sensor via Palm PDA

The AQUASCAN 900 is available as a dual, triple or multi sensor system, providing correlation between any number of sensors.

**Automatic velocity check**

An innovative feature allows automatic velocity check where pipe material and diameter may be unknown.

**Ultra compact sensors with built-in transceiver**

Using the state-of-the-art technology, the sensor/accelerometer & transmitter/receiver are combined into a single, very compact unit meaning no cable between accelerometer and transmitter.

**Fully digital system offers highest performance and precision on all pipe materials**

The AQUASCAN 900 is fully digital and offers the highest performance and precision on all pipe materials without the known disadvantages of analogue radio transmission.

**Automatic filter and parameter setting**

The PDA software provides fully automatic or user-selectable filter and parameter settings, full FFT & coherence analysis and individual sensor sound and signal strength monitoring.

**Built-in Acoustic Logging Function**

The Aquascan-900 also has an integrated noise logging function. This enables the user, where considered appropriate, to programme the AQ900 sensors to perform 'overnight noise logging' to further monitor and analyse noise characteristics within the distribution system. This function can be used to assist with the identification of the presence and location of a leak, before performing a multi-point correlation to pinpoint the exact location of the leak.

**System configuration**

- 3 x Sensors with built-in transceiver
- 3 x Antennae
- 1 x System Communication Link with built-in 'Blue-Tooth' and antenna, with waist belt
- 1 x Palm Tungsten or equivalent Palm OS operated PDA
- 1 x Battery charger for the sensors
- 1 x AQUASCAN 900 software
- 1 x Correlator carry case
- 2 Year Warranty