

# Omikron® Digital

## Acoustic leak detection system

**Omikron Digital** detects noise generated by leaks in buried pipes. The leak noise travels through the water and pipe wall and can be detected by listening at valves or hydrants. Noise also propagates from the leak to the ground surface where it can be detected using the ground microphone.

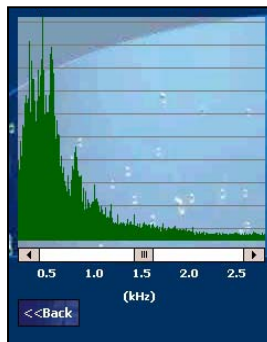
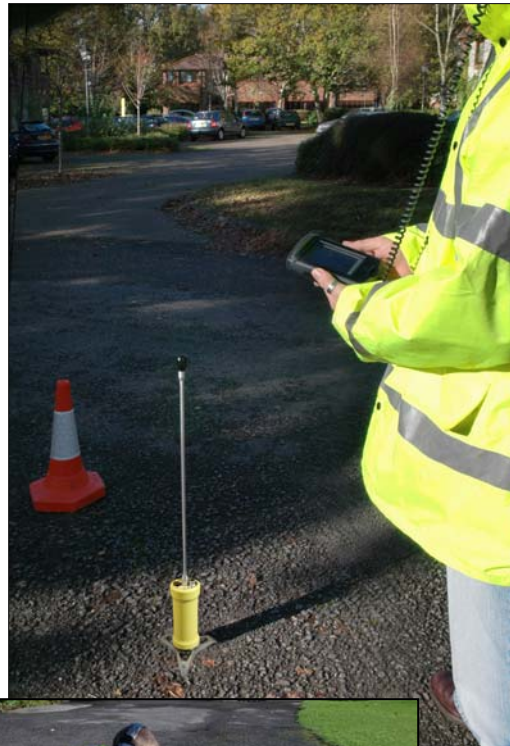
**Omikron Digital** offers:

- High sensitivity with 24-bit digitisation to detect quiet leaks
- Wireless leak noise transmission from sensor to reduce wind noise pickup
- Minimum noise level display
- Multiple leak noise recording
- Advanced filtering
- Leak noise spectrum display

The Omikron Digital system comprises an advanced sensor with Bluetooth transmission of leak data to a PDA. The sensor can be configured as either a ground microphone or a hand probe for direct listening. High quality headphones and battery chargers are included.

### System components

- High performance sensor
- PDA + Omikron software
- Tripod attachment for surface listening (+ soft ground spike)
- Connecting rods + handle
- High performance headphones



Leak noise spectrum display



Minimum noise level display

Part Numbers	
Omikron Digital System	GXG 950
Vehicle battery charger - sensor	GXG 909
Vehicle battery charger - PDA	GXG 962
PDA ruggedised case	GXG 961