Entry level acoustic system for leak pre-location and location



Mikron3 Junior is a compact, easy to use, water leak pinpointing system with optimised acoustic sensing technology and excellent sound quality.

Benefits

- **Clear visual display of leak noise strength**
- **Adjustable filter frequency ranges for minimum interference**
- **Airborne noise reduction achieved via sensor cable ball and foam cover**
- **Test rods for pre-location at fittings and ground plate for use on variety of surfaces**
- **Dynamic listen control for hearing protection**
- **Compact and lightweight**
- **Carry case may also be used as back-pack**

Acoustic leak noise generation

Water escaping from pressurised pipes generates a noise which is propagated through the water and pipe. This noise can be detected at available pipe fittings such as valves and hydrants. The noise also travels directly from the leak through the ground to the surface and is detected by listening above the leak.

Effective leak pre-location and pinpointing

Pre-location on pipe fittings such as valves or hydrants is carried out with the test rods. The ground plate adaptor is fitted to the sensor for use on street surfaces and softer ground. Isolation from airborne noises is achieved due to the cable ball and foam cover. Comparison of the noise levels indicates which section of pipe includes the leak.





technology for network management and leakage control

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Easy operation

The Processor unit displays the Minimum Noise Level which is the background noise level without transient noises such as road traffic. The bar graph display shows the position of maximum leak noise. Adjustable filters allow for minimising background noise. The unit may be hand-held or used with a neck strap and is designed for both left and right handed use.

Dynamic listen control

If the noise level changes rapidly, for example due to traffic noise, then the sound to the headphones is cut. When the loud noise disappears the Dynamic Listen Control automatically reconnects sound to the headphones. This control is a 'press-to-listen' feature and also protects the operators hearing.

System components

- High performance sensor with cable ball
- Processor unit
- Processor neck strap
- High performance acoustic headphones
- Test rods
- Ground plate + isolating foam
- Battery charger
- Carry case / back-pack

Products

Mikron3 Junior	GXG 795

Primayer

Information in this document is subject to change without notice.
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