



## Leak listening application on touchscreen platform

The **Mikron3 PrimeTouch App** enables very high quality listening to confirm a leak position. The PrimeTouch also hosts Eureka3 thus combining correlation and leak listening on a common operating platform. Touch-screen provides very simple operation.

### Features

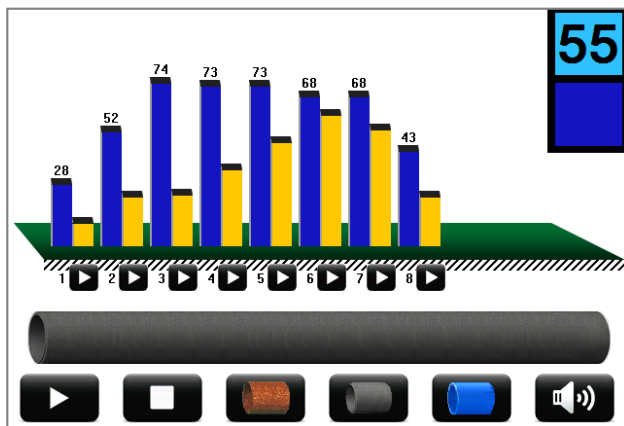
- **Wireless sensor communication for reduced airborne noise pick-up**
- **Minimum noise level bar display and frequency value bar display**
- **Full frequency spectrum display**
- **Pipe tracing mode**
- **Audio recording for all microphone positions**
  - Playback at any position during operation
  - Recordings saved to USB drive for later playback

### Minimum Noise Level display

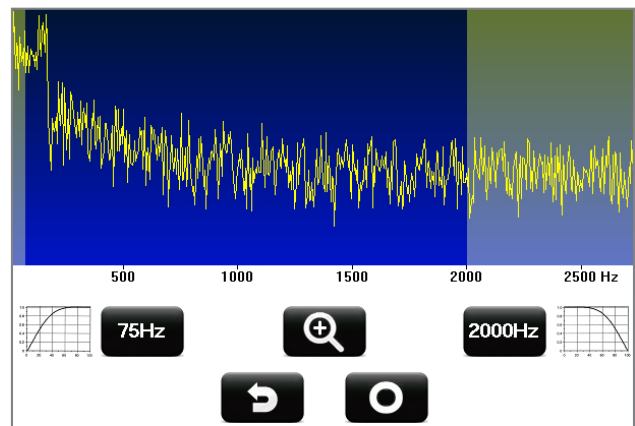
Leak noise propagates to the ground surface where it is detected using the sensitive ground microphone. For accurate leak pinpointing *Mikron3* displays the Minimum Noise Level. This is the background noise level, including leak noise, but without transient noises, such as traffic.

### Frequency Level Display

To further enable accurate leak pinpointing *Mikron3* also displays a bar graph of the frequency content detected. This increases as the sensor is positioned closer to the leak.



Bar graph display of minimum noise levels (blue) + frequency levels (yellow)



Display of frequency spectrum



**Pipe Tracing Mode**

This is designed to locate the position of plastic pipes. A sound is injected into the pipe and the maximum sound levels are displayed.

**Dynamic Listen Control**

The *Dynamic Listen Control* continuously monitors the detected noise level. If the noise level changes rapidly, for example due to traffic noise, then the sound to the operator headphones is switched off. When the source of louder noise disappears, the *Dynamic Listen Control* automatically reconnects sound to the headphones. This control both protects the operators hearing and is an automatic 'press-to-listen' feature.

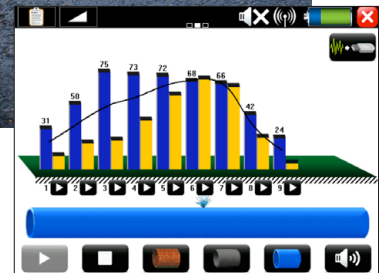
**Ground Microphone Kit - Addition to Eureka3**

The *Mikron3 PrimeTouch App* kit is designed to be used with the *Eureka3* leak noise correlator. It consists of the following components;

- ground microphone sensor
- tripod adaptor
- sensor handle
- battery charger
- carry case

**Products**

Mikron3 ground microphone kit for use with PrimeTouch App	GXG 791
Options	
PrimeTouch	CXG 950
Headphones	CXG 943





**Excellent acoustic performance with latest user interface technology**



*Note: PrimeTouch and headphones supplied in Eureka3 kit.*



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