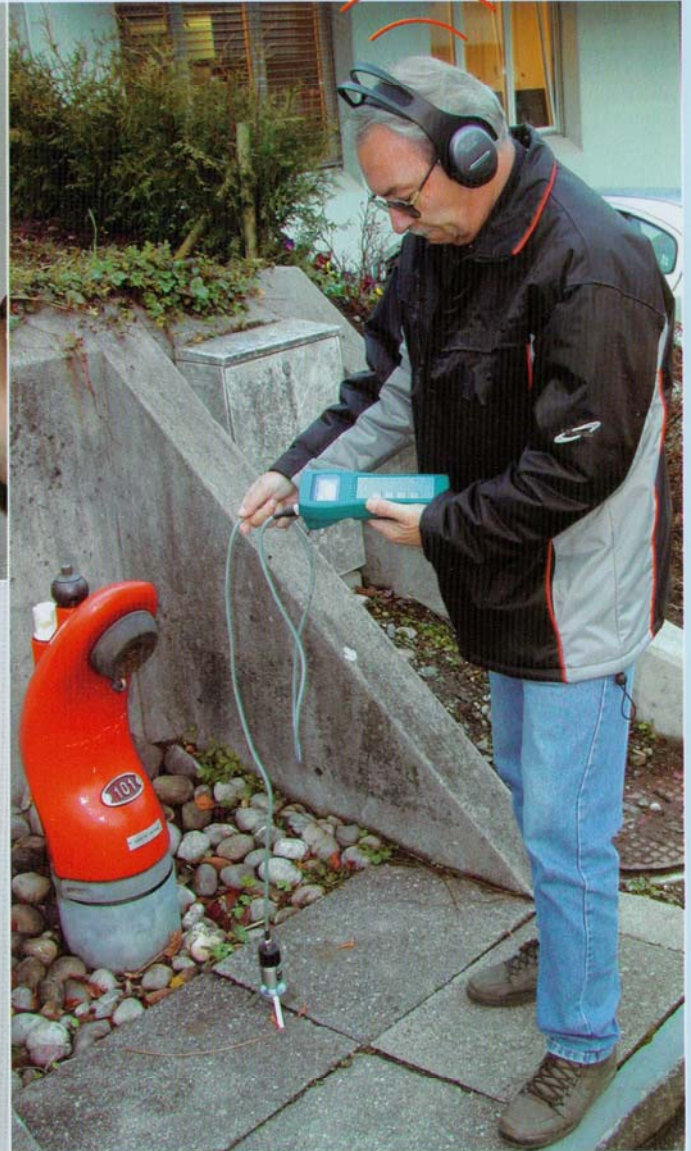


Water leakage detectors and –systems

## **LOG 1 –The water leakage detector:**

- **Simple operating**
- **Practically no side noises**
- **Wireless headphones**



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 **WAGAMET**  
Gas & Wassertechnologie

# Log 1 – state of the art technology for efficient results

LOG 1 – compact, easy-to-use, most modern design featuring extensive technology that guarantees fast and effective detection of leaks in water pipes, plumbing hydrants etc.



**The vibrometer**  
Using the revolutionary vibrometer, complete with a magnetic sensor which can be attached to hydrants, gates or domestic connections, noise emitted at the leakage point is transmitted via the headphones without picking up any additional interference. The amount of noise is displayed on the detector in dBs. Leaks can then be localised and via a simple re-fitting (tripod is furnished with the equipment) determined exactly. (The vibrometer is very insensitive to external noise.

Detailed informations and presentation by:

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## Detection

- General maintenance tasks such as e.g. reading meters
- Checking the plumbing installations
- Checking the functionality of hydrants
- Checking valves and gates
- Piping control

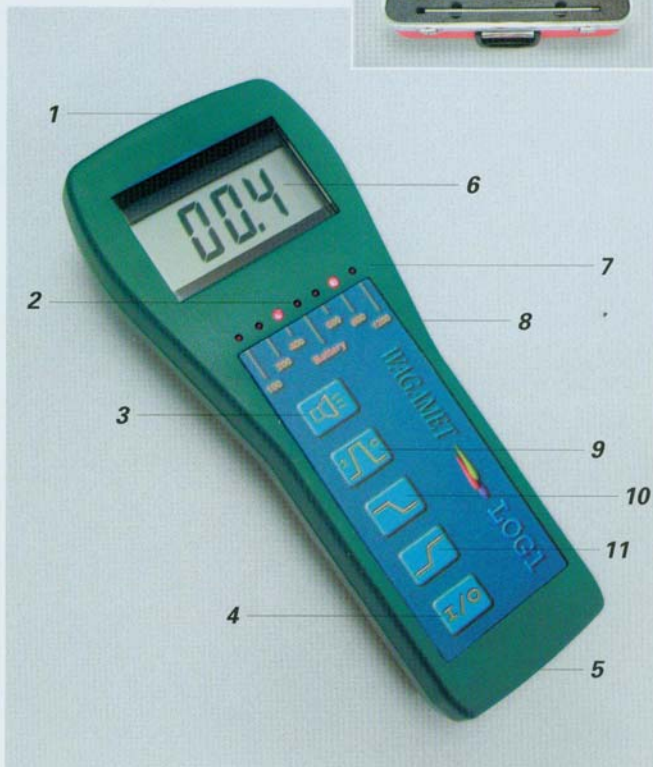
## Exact location

- Exact point location through fixed flooring
- Point location through the ground
- Point location of internal leaks

LOG 1 comes in a compact case.

The package consists of:

- Instrument
- Vibrometer
- Connecting cable
- Tripod
- Radio Headphones
- Cable Headphones
- Extension rods



- |                             |   |
|-----------------------------|---|
| 1 Microphone connection     | 7 Effective filter position               |
| 2 Battery display           | 8 Rotary potentiometer for volume control |
| 3 Switching probe SOUND ON  | 9 Filter function ON/OFF                  |
| 4 Engage switch ON/OFF      | 10 High-frequency filter positioning      |
| 5 Headphone connection      | 11 Low-frequency filter positioning       |
| 6 Sound-level display in dB |   |

## Technical specifications

### Housing:

- ABS plastic housing
- Measurements: 23 x 9,5 x 5,5 cm ergonomically moulded

### Weight:

- Instrument: 390 g
- Sensor: 630 g
- complete in carrying case: 5,5 kg approx.

### Indication instrument:

- Digital LCD display with 21 mm figure height
- 2 to 3 measured-value updates/sec.
- sound-level adjustment has no effect on the measured value

### Sensor:

- WAGAMET PE-Vibrophone

### Frequency response:

- 10Hz – 6kHz

### Filter function:

- Filter can be activated independently for the audio signal
- independently adjustable position of high- and low-pass filter
- No influence on the measured value
- High-pass graduation: 100 Hz, 200Hz, 400Hz
- Low-pass graduation: 600Hz, 800Hz, 1200Hz
- Bandwidth max/min 100Hz-1,2kHz; 400Hz-600Hz

### Current Supply:

- Battery monitoring by alarm LED automatically disconnected after 1min/2min or 4min
- Instrument: 4 x 1.5Volt alkaline batteries
- Headphones: 2 x 1.5Volt alkaline batteries
- operating time about 30 to 40 hours

Distributor: