TERRALOG

High-quality technology for professional leak detection

DUKTUS KEULA ALTECNO

ZERO WATER LOSS

vonroll-hydro.world

Near-perfect leak detection

The TERRALOG is a fittings and ground microphone with excellent measuring capabilities for acoustic leak detection in pressurised water pipes.
The highly sensitive vibraphone can be connected by cable and is used to measure structure-borne sound on fittings, hydrants and house service connections, as well as ground-borne sound on a wide variety of terrains.
The TERRALOG enables effective localisation of the leak site at the pre-location stage up until its exact location can be pinpointed.

Reliable application
The vibraphone is positioned on the measuring point using a high-strength magnetic gripper (neodymium). The sound level detected is digitally displayed on the easy-to-read screen and is continually updated. Interference-free Bluetooth technology provides a wireless connection to a pair of headphones.
Loud noises capable of damaging hearing are cancelled by the hearing-protection feature. Various different adaptation accessories are available for ground measurement on both solid and loose terrain. Interference can be optimally cancelled by selecting various high- and low-pass filters. When measuring structure-borne and ground-borne sound, the louder the sound level, the nearer the site of the leak. If no leak noises can be detected, it can be assumed that the pipe section being checked is intact. Difficult-to-locate leak sites on the surface of the ground can be saved in the TERRALOG and visualised on graphs using the progression of the noise across the surface.

Complete set
In the handy device case, you will find:
— TERRALOG hand-held device with remote vibraphone
— Bluetooth headphones
— Extension rods and tripod
— Carry strap
— Operating instructions

The TERRALOG is the central, essential item in a leak detection engineer's measuring instrument inventory.

An overview of the TERRALOG's advantages
— Outstanding sound quality thanks to the highly sensitive vibraphone
— Easy-to-read graphic display with maximum contrast
— Digital Bluetooth headphones for interference-free transmission
— Graphic representation of the surface noise profile
— Hearing-protection feature for safe operation
— Leak noises can be recorded and replayed
— Sound recordings can be transmitted to your PC for logging
— USB port for connecting to your PC
— Adjustable frequency filter for cancelling extraneous noises
— Can be powered by primary or secondary batteries
— Battery charge level indicator
— Automatic switch-off function
— Lightweight and ergonomic housing manufactured from impact-resistant plastic
— Comprehensive range of accessories in the robust device case

HYDRO

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