



H₂ LUX Leak Location with Tracergas

Method

Over many years using tracer gas for water leak location is a proven method of locating leakages in water pipes with electronic gas tracing instruments.

Our H₂ LUX is very well suited, with its precise and quick response, for minute location of smallest leakages.

Due to its low specific weight and its molecular structure, tracer gas has the ability to rapidly penetrate all materials (concrete, tiles, tar etc.) and to ascend vertically, where it can be consequently traced with the H₂ LUX .

To locate a leakage, the pipe line to be examined is filled with tracer gas, which exits at the leakage and is accurately located on the surface.

Features

- No calibration or maintenance
- highest sensitivity
- adjustable sensitivity makes the instrument considerably more dynamic
- no saturation – even with big leaks
- automatic zero point adjustment
- ergonomic casing
- lighter and easier to carry
- carrying belt – lets you have both hands free
- short battery charging-time
- chargeable in a vehicle (12V)
- durable batteries

Tracergas

The tracer gas does not consist of pure hydrogen but of a gas mix made up of 5% Hydrogen and 95% nitrogen. This gas mix is non-flammable, non-toxic, non-corrosive and environment-friendly.

Hydrogen, as well as nitrogen occur in all biological systems.



Technical Data

Sensitivity:	0.7 ppm H ₂ in air
Response time:	< 1 Sec.
Warm-up time:	6 Sec.
Outputs:	Display: 10 step LED bar display; Loudspeaker: 5 - 1.600 Hz; Earphone: Standard earphone, 3.5 mm stereo jack, > 8 Ohm
Supply:	rechargeable lead gel batteries
Protection class:	IP 55
Battery capacity:	13 hours at 20 °C, 6 hours at -20 °C
Charging set:	Wall power supply (Input 100 - 240 VAC) and vehicle charging cable (Input 9 - 15 VDC) included in the scope of delivery
Dimensions:	L 120 x W 250 x H 85 mm
Weight:	1.9 kg
incl. carrying bag:	L 220 x W 260 x H 95 mm / 2.5 kg

One-of-a-kind!!!
No maintenance!!!
No calibration!!!

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DIN ISO 9001

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Subject to changes without notice
Technische Änderungen vorbehalten