

Product Information

Hydrotector H₂ Cable Leak Detector

The Hydrotector H₂ is designed to precisely locate even smallest leaks in pressurized cables. It can be used for detection along cable routes, in manholes, at distribution cabinets, in cable vaults and at cable terminations. The Hydrotector H₂ is also most suitable for locating leaks in pipes, containers etc.

As tracing gas for the leak location a mixture of 90 % nitrogen and 10 % hydrogen (shielding gas as used for welding) is injected into the cable. At the leak it escapes and diffuses even through bitumen and concrete surfaces to mark the fault location. With its built-in reference sensor the Hydrotector H₂ can reliably distinguish between the tracing gas and environmental gases, such as exhaust emissions.

The separation of probe unit and operating unit allows for very flexible applications like in narrow manholes. If the measurement location is accessible even more difficult, the actual sensor can be detached easily from the probe unit.



The versatilely adjustable probe unit provides ergonomic work and can be stowed particularly compactly in the included case.

Technical Data

Traceable detection variation	from 1 ppm H ₂ in air
Tracing gas NH 10	90 % nitrogen, 10 % hydrogen (available as shielding gas 90/10)
Leak indication	acoustically and optically
Response time	approx. 3 s
Power supply	rechargeable NiCd batteries
Time of use with both batteries fully charged	approx. 8 h
Recharging time	approx. 3 h
Dimensions of the case (W x L x H)	600 x 420 x 200 mm
Weight (probe unit and operating unit)	approx. 4.4 kg
Weight incl. accessories (case, charging set, batteries etc.)	approx. 10.6 kg

Ordering Data

Hydrotector H₂ incl. charging set 230 V 60-60 Hz, headphones, plunger, 2 NiCd batteries, special case	Order-no. 057049.100
Accessories / Spare parts	
Tracing gas filling kit with single stage reducer and 5 m hose	Order-no. 057388.000
Charging set 10 V - 30 V DC	Order-no. 072367.000
Spare plunger	Order-no. 065893.000