

# GasCheck-H<sub>2</sub>



# FAST

## Searching for minute leakages with the GasCheck-H<sub>2</sub>

- pipeline material irrelevant
- quick and exact locating of leakages
- user-friendly control features
- modular design, therefore reduced maintenance costs  
internal and external sensors available

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## GasCheck-H<sub>2</sub>

### The H<sub>2</sub> Measurement Procedure

With the GasCheck-H<sub>2</sub>, even tiny little leakages can be pinpointed. Hydrogen diffuses through almost any material due to its molecular size. The pipeline section to be checked is filled entirely with gas, and the pressure is increased slowly until the measurement pressure level is reached. The duration of the measurement varies according to the size of the leakage, the kind of soil, and the surface structure. The leakage on the pipeline will be below the spot showing the highest concentration of gas. Usually, the location indicated by the GasCheck does not deviate by more than a few centimetres from the actual leakage location.

### Range of Use

Home installations  
such as

- heating systems
- underfloor heating systems
- water conduits

Pipeline constructions  
such as

- pressure test negative
- gas pipes, water pipes, district heating pipelines

### Technical Specifications

electronics

microprocessor-controlled

sensors

semi-conductor sensor in the PPM range

batteries

rechargeable NiHy batteries (without memory effect)

pump

rotary slide-valve pump (rotary pump)

alarm indicator

the acoustic and optical alarm indicator is activated as soon as the device is switched on. The acoustic alarm indicator can be switched off manually. The following messages, amongst other things, are indicated:

- pump is taking in water
- failure
- gas concentration

alarm threshold

the alarm threshold can be individually set for each measurement range.

reset

pressing "reset" sets the display for all measurement ranges to zero.

case

powder-coated aluminium housing

dimensions

20 cm x 0.8 cm x 12 cm (L x H x W)

weight

about 2 kg

extent of supply

ground probe with water separator, space probe, bell probe, case, bag, battery recharger, battery recharger to be applied in vehicles, ground pick-up and ground probe equipped with integrated sensors for shortest possible response times.

Specifications are subject to change



ISO 9001:2000