

Trace 50 – Hydrogen Leak Detector



BENEFITS

- Compact tool powered by battery
- Easy to transport to remote locations
- Quick, easy and accurate leak detection
- High sensibility (1.10^{-6} mbarl/sec)
- Unique sensor selectivity
- Rugged instrument
- User friendly and easy to maintain

The most compact and portable leak detector from Trace range.

The trace 50 is an hydrogen tracer gas detector, providing an effective upgrade for a wide range of leak detection applications. This new portable detector revolutionized the hydrogen leak detection in remote places. It can detect and quantify very small leaks. Weighing only 290grs (0.63lbs) including the battery, the trace 50 leak detector brings accuracy, flexibility and simplicity for use.

Versatile and easy to operate.

The Trace50 was conceived to be used in hazardous environments and it is easy to transport. It has a chargeable Lithium-ion battery providing up to 8 hours of operation. The new ergonomically designed hand probe allows for fast homing in on suspected leak areas and exact leak locating and quantification.

The recommended tracer gas is slow cost standard mixture of 5% hydrogen (H₂) and 95% nitrogen (N₂), available from major gas suppliers. This mixture is non-flammable, non toxic and environmentally friendly.

Simple solution for demanding applications.

The Trace50 is the ultimate choice for a wide range of industrial leak detection applications. For the first time ever, the industry has got a safe, accurate and yet simple solution for leak testing.

The quality testing both in production and maintenance are not forgetting.

Those applications are various:

- Check of refrigerant sets.
- Control of waterproofness of gates
- Control of mechanic welded sets.
- Localization of leaks on exchangers.
- Check of the waterproofness of alternators.
- Search for water underground leaks
- Search for leaks on flexible tanks
- Search for leaks on swimming pool canalizations.

Specifications

Lowest detectable hydrogen concentration:	1ppm (parts per million)
Lowest detectable leak rate:	1x10 ⁻⁶ mbarl/s
With standard gas mixture of 5% H2 and 95% N2	
Response time:	1 second
Warm up time including self-check:	1 minute (approx)
Battery unit:	Sealed rechargeable battery
Battery technology:	Li-Ion
Battery runtime:	8 hours
Battery charger:	110-230Vca- 50-60Hz 4,2Vcc



Operating conditions :

Temperature:	+0°C to +35°C (+32°F to +95°F)
Relative humidity:	90 % maximum (Except sensor)
Detector Unit :	
Weight:	290grs (0.7lb) w\ Battery
Size:	235x58x58 mm (9.25"x2.3"x2.3")

This content is subject to change at any time without notice.

Ordering Informations

P/N : Equipment

TRACE52	Complete Package hydrogen leak detection including Trace 50 detector unit, battery charger, Detection cane with active box & sucker, transport case "pelicase"
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P/N Probes and accessories

CA050	Ground extension for Trace 50 probe
EC050	Special 90° pin Head for Trace 50
HP050	Head set for Trace 50
CH050	Battery charger for Trace 50
PH050	Hydrogen probe for Trace 50