

Trace 100 – Hydrogen Tracer Gas Detector



KEY BENEFITS

- Quick, easy and accurate leak detection.
- High sensitivity (1×10^{-6} std.cc/ sec).
- Unique sensor selectivity.
- Rugged instrument,
- User friendly and easy to maintain.
- Compact and light portable powered by battery.
- Easy to transport to remote locations.
- Priceless

The Trace100 is a hydrogen tracer gas detector. This new portable Trace100 Leak Detector makes the revolutionary Hydrogen Method available for leak testing in the toughest of environments and remote locations. Finding leaks down to bacteria size, Trace100 is the ultimate tool for a wide range of demanding applications.

The Trace100 Leak Detector brings accuracy, flexibility and simplicity into remote locations. Its compact size makes it perfect for all applications in the HVAC and RAC industries.

Versatile and easy to operate.

The Trace100 is designed to withstand rough handling in the field and is easily carried. It has a chargeable Ni-MH battery providing up to four 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 a low 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.

Trace100 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 of the complete industry, the petrochemical area, hydrogen production plants and on oil rigs, the

Trace100 is the perfect tool for locating leaks on all types of valves, joints and other components. Leak testing of hydrogen cooled generators and fuel cells are typical production and maintenance applications.

Trace100 - Specifications

Lowest detectable hydrogen concentration:	1ppm (parts per million)
Lowest detectable leak rate: With standard gas mixture of 5% H2 and 95% N2.	1x10 ⁻⁶ std cc/sec
Response time:	1 second
Warm up time including self-check:	1 minute (approx)
Battery unit:	Sealed rechargeable battery
Battery runtime:	4 hours
Battery charger:	115-230Vac-50-60Hz 12Vdc
Operating conditions:	
Temperature:	+0°C (32°F) to +50°C (122°F)
Relative humidity:	90 % maximum
Weight (with battery):	600grs (1.32lbs)
Size:	235x118x45mm (9.2''x4.6''x1.8'')



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

Ordering Informations

P/N : Equipment

TRACE 100	Hydrogen Leak Detector Trace100 unit with Battery charger, Probe (P/N: PH-100), connection cable), transport Pelicase box and Calibration certificate
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For Explosive Atmosphere proof version, please ask us.

P/N Probes and accessories

PH100	Hydrogen probe for Trace100 Unit
NS4-100	Kit of 4 Probe Heads for trace 100
EXT-5M	5 meters extension Stick

