

Trace300 - Wireless Hydrogen tracer gas Detector



BENEFITS

- Wireless up to 4 probes per unit.
- Compact and light weight probes
- High Sensitivity 1×10^{-6} cc/sec
- System Flexibility: Mix or match detectable gases just by changing the hand probes.
- Multiple screen views, one for each probe.
- Easy to calibrate.

The **Trace300** is the unique wireless bench top Hydrogen and/or Refrigerant leak detector uses a proven solid state sensor technology for tracer gas detection.

The new bench top Trace300 Leak Detector makes the revolutionary Hydrogen method available for leak testing in the toughest of environments, with the benefit of wireless link between the probe and the base.

Finding leaks down to bacteria size, the Trace300 is the ultimate tool for a wide range of demanding applications and uses. It brings accuracy, flexibility and simplicity into the field of leak detecting and locating. Its compact size makes it perfect for all applications in the HVAC and RAC industries. Just change the probe and begin to locate R134a or R410a leaks.

Versatile and easy to operate, the Trace300 is designed to use up to four wireless probes connected in the same time. These probes are designed to withstand rough handling in the field. Each has a rechargeable Ni-MH battery providing up to eight hours of operation.

The new ergonomically designed hand probes allow for fast homing in on suspected leak areas and exact leak location and quantification. Bargraph LEDs on the probe indicates the level range of tracer gas and also when the Alarm Set Point is exceeded.

The recommended tracer gas is low cost standard mixture of 5% hydrogen and 95% nitrogen, available from major suppliers worldwide. This mixture is non-flammable, non toxic, environmentally friendly and a renewable natural resource.

A simple solution for demanding applications, the Trace300 is the ultimate choice for a wide range of industrial leak Detection applications, such as :

- Medical & pharmaceuticals
- Automotive
- HVAC & Refrigeration
- Heating systems
- Piping & Plumbing
- Pumps & Compressors

Trace300 - Specifications

Lowest detectable H₂ concentration: 1ppm (parts per million)
 Lowest detectable leak rate: 1 x 10⁻⁶atmcc/sec
 (With standard gas mixture of 5% H₂ and 95% N₂) or 2,83g/year for refrigerants
 Response time: <1 second
 Warm up time including self-check: 2 minutes (approx)

Sealed rechargeable Li-ion battery
 Battery runtime: Up to 8 hours
 Battery charger: 115-230Vac/50-60Hz 4,2Vdc

Operating conditions (Base Station and Probe):

Temperature: 0°C to +35°C (+32°F to +95°F)
 Relative humidity: 90% maximum

Weight — Probe: 290grs (0.7lb)
 Base Station: 2.75 kg (6.1lbs)
 Dimensions— Probe: 235 x 58 x 58 mm (9.25" x 2.3" x 2.3")
 Base Station: 223 x 225 x 150 mm (8.8" x 8.9" x 6")

Transmission distance between Probe and Base:

Line of Sight: Up to 30 m (90 feet)

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

Ordering Information

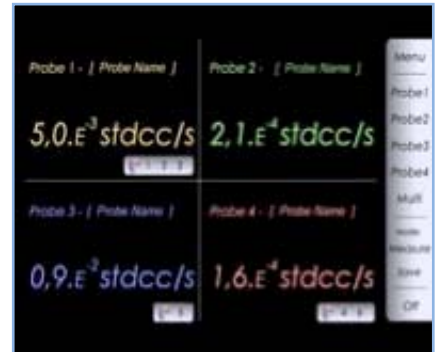
P/N : Equipment

TRACE 300	Bench top base leak detector Trace 300 unit with one wireless hydrogen probe and battery charger.
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P/N Probes and accessories

PH300	Wireless Hydrogen probe for Trace 300
HP050	Head set for Trace 300
CH050	Battery charger

For Freon Gas R22, R134A, R410A probe, please ask us.



4 measurements at the same time.

