

H6000

HYDROGEN PORTABLE LEAK TESTER FOR FINE LEAK DETECTION

The **H6000**, a new comer in the ATEQ range of leak detectors, is one of the finest gas tracer and hydrogen leak detectors on the market today. This gas is less expensive than Helium gas.

Furthermore, it's a volatile, non-toxic and non-poisonous gas with any environmental impact. The **H6000** is equipped with all features for easy integration in industrial process and laboratory one.

Highlights

- COST EFFECTIVE SOLUTION
- VOLATILE GAS WITH LOW VISCOSITY
- INDEPENDENT OF TEST VOLUME AND TEMPERATURE
- LEAK LOCALIZATION



- The ATEQ H6000 Portable or Fixed is a compact gas tracer leak detector. The Fixed version is to install on machines or on work station. The Portable version can be handled by the user to detect leaks on any area.
- The used gas is hydrogen in nitrogen (H_2N_2). The concentration should not exceed 5%.

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Measurements Characteristics

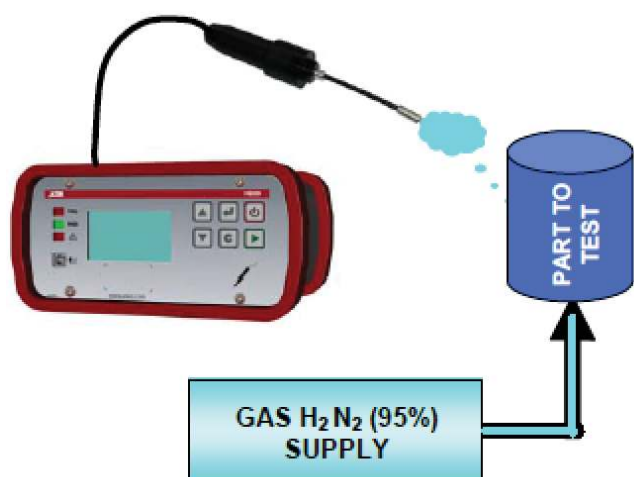
GAS DETECTION MEASUREMENT (H ₂)	
Range	Accuracy
From 5.10 ⁻⁶ to 1.10 ⁻³ mbar.l/s	10 % of the measured value in laboratory conditions

Main features

- Detection of leaking gas traces
Range: 1.10⁻⁴ mbar l/s to 2.10⁻² mbar l/s
- Generated Suction Flow control
- 128 programs
- IP 54 protection
- Internal memory: 2 Go
- Visual (red/green leds) and audible signal for results
- USB port
- H6000 fixed
 - Voltage 60 W - 50/60 Hz - 90/260 V AC
 - Relay board 5 inputs/ 7 outputs
- H6000 portable (autonomy 8 hour) lithium battery
 - 12 VDC - 4400 mA/h
 - Easy removable battery pack
 - Supplied with 2 batteries
- Bag for H6000

Measurement principle

- The part is filled with hydrogen gas 5% in Nitrogen gas. For localization, the leaking gas is attracted in a suction probe to the sensor.



Technical specifications

Temperature	Operating: + 10°C à + 45°C Storage: 0°C à + 60°C
Interface	Navigation Keys 4 lines LCD 14 characters
Weight	Approximately 8 Kg
Physical	Dimensions (in mm) - N 577 x H 157 x D 381
Electrical supply	100 – 240 V AC / 50 W
Electrical connectors	3 pin - plug (2P+T)
Pneumatical connection	2,7/4 and 4/6

Applications

- HVAC, Refrigeration and Automotive Leak Detection
- Automotive: leak localization, cooling systems, alloy wheel, ...
- Domestic Appliances: compressor, ...

Option

- The CDH6000 is a gas H₂N₂ (5% hydrogen) supply allowing the H6000 calibration checking. It must be used with one or several calibrated leaks.



CDH6000 Calibrator