

# Hydrogen Leak Locator

## H1000



**YOUR BASIC TOOL FOR PIN-POINTING LEAKS**

### **Your basic tool for pin-pointing leaks on components and systems.**

Detecting leaks using Hydrogen tracer gas is today an established method in the industry. The H1000 will help you to pin-point even minute leaks in small objects such as seals, gaskets, and valves, as well as in large objects such as fuel tanks, heat exchangers and engines. Being able to pin-point your leaks will allow you to do immediate repair.

### **Extremely easy to use – just switch on and search!**

H1000 is designed for ease of use – just switch it on, wait one minute and you are ready to go. During the start-up it will automatically adjust itself to the background level of Hydrogen. You search by moving the hand probe over the possible leak positions. An audio signal and the LED display will guide you to the points where Hydrogen tracer gas is escaping through a leak. The H1000 has adjustable settings for sensitivity and by manually setting the required level you can screen out the leaks that are less important to you. If you need to quantify the leak, you will need to use Hydrogen Leak Detector H2000 PLUS.

If you need to search a larger area you can set the sensitivity to "Autoranging". This enables you to quickly scan a large area with maximum sensitivity. As soon as any tracer gas is detected it will automatically lower the sensitivity so that you can pin-point both large and small leaks without problems.

### **Robust, battery operated and water protected**

The instrument is entirely electronic, has no moving parts and is designed for heavy duty use in tough industrial environments. It is supplied in a protective padded nylon case with a shoulder strap to make moving about easy. The high performance Li-Ion battery gives you 13 hours of runtime, but the H1000 is also fully operational during charging, which allows for both portable and stationary use. A battery check can be performed at any time by simply pushing a button and the LED's will show the status of the batteries. The H1000 is also water protected (IP64).



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### Features

- Locates leaks down to  $1 \times 10^{-5}$  cc/s (when using Hydrogen tracer gas 5% $H_2$  / 95% $N_2$ )
- Adjustable sensitivity in 10 increments
- Automatic and manual zero setting
- Battery status indicator
- Autoranging for automatic sensitivity setting
- Immediate response irrespective of cable length
- Portable with 13 hours runtime
- Heavy duty padded nylon casing
- Charger for 100-240 VAC
- Water protected IP64

### Quick pin-pointing – fast repair

Hydrogen Leak Locator H1000 is your basic tool for leak locating and pin-pointing leaks to enable quick repairs in many different applications, such as:

- Pressure decay systems
- Repair lines
- Fuel systems
- Automotive parts

### Accessories and parts

- Hand probe (included)
- Probe tip protection cap



- Probe cables in standard lengths: 3m, 6m, 9m (3m included)
- Probe tip filter
- Earphones
- Reference leaks

### Hydrogen tracer gas

The Hydrogen tracer gas consists of 5% Hydrogen gas and 95% Nitrogen gas. This gas mixture is non-flammable (see ISO 10156), not toxic or corrosive, nor harmful to the environment. Some gas suppliers have their own trade name for this gas mixture.

## TECHNICAL SPECIFICATIONS

<b>Sensitivity:</b>	Locates leaks down to $1 \times 10^{-5}$ cc/s
<b>Start up time:</b>	1 minute
<b>Front panel:</b>	10-segment LED indicator, Loudspeaker, Earphone socket, Green LED for status and Autoranging indication, Red LED for errors
<b>Rear panel:</b>	Charger Inlet
<b>Maintenance:</b>	None
<b>Battery:</b>	13 hours operation, 3 hours charging
<b>Power supply:</b>	100-240 VAC, 50/60 Hz, 2A (can be continuously connected)
<b>Dimensions:</b>	275 x 155 x 170 mm, 10.8 x 6.1 x 6.9 inches
<b>Weight:</b>	3 kg (6.6 lbs), 4 kg (8.8 lbs) complete with carrying case, cable, probe and battery charger

[www.adixen.com](http://www.adixen.com)

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