

# Hydrogen Sniffer

## Hydrogen Leak Detector

The V.I.C. Hydrogen Sniffer with rechargeable battery enables leak testing independent of a power supply system and connection cable. Leaks can be located in component parts even in very small spaces. The H2 Sniffer is an ideal completion to the V.I.C. Leak Tester portfolio.

### Features:

- Portable, Hand-held
- Microprocessor controlled
- Bar-graph, LED- and digital display
- Automatic setting to zero point at fresh air
- Self-detectable sensory scan
- Backlight on/off
- Separate battery charger
- Optional interface



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



**Vacuum Instrument Corporation**

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## HYDROGEN SNIFFER PERFORMANCE SPECIFICATIONS

### Technical features:

- SET-button for background suppression of gas
- Microprocessor controlled
- Bar-graph, LED- and digital display of concentrations of a few ppm down to the "low explosive limit" (UEG) in Vol.%
- Automatic setting to zero point at fresh air
- Audible signal dependent on concentration (optional setting)
- Audible as well as optical warning when overstepping the 4th alarm threshold
- Self-detectable sensory scan with error detection
- Backlight on/off
- Separate battery charger
- Optional interface

**HL-gas sensor:** class/line/type series GGS 1000 (broadband)

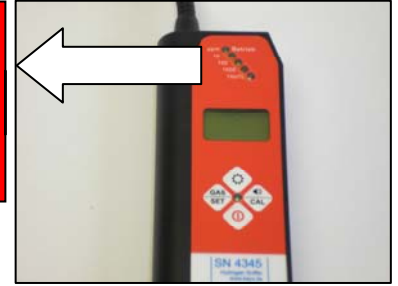
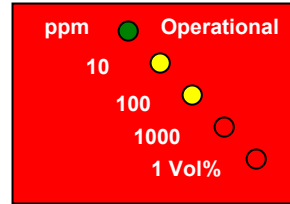
**HL-gas sensor:** class/line/type series GGS 6000 (H2 selective)

**Suction pump:** 85 ml/min



### LED-display for following measurement ranges:

- 1 - green operation mode display/ppm
- 2 - yellow = 10 ppm
- 3 - yellow = 100 ppm
- 4 - red = 0.0999, 0.1 Vol%
- 5 - red = 1 Vol%



### Minimum Detectable Leak Rate

$1 \times 10^{-6}$  Atm-cc/sec

### Range:

Concentration H2 - 1ppm – 999ppm

**Rechargeable battery:** NiMH 4x1.2 V  
1600 mAh included

**Operation period:** minimum 4 hours of continuous use

### Start-Up Time:

< 50 Seconds

### Response Time:

2 – 3 Seconds

**Storage temperature:** -13 to 104 °F (-25 to +40 °C)

**Auxiliary equipment:** wall power supply/charger

**Input Voltage / Freq:** 115V / 60 Hz

**Output Voltage / Current:** 9V / 150mA

**Dimensions:** 7.09"(180mm) W x 1.97"(50mm) H x 1.10"(28mm) D

**Weight:** 14.5 oz (410 g) total

### Vacuum Instrument Corporation

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