

Hydrogen Sniffer

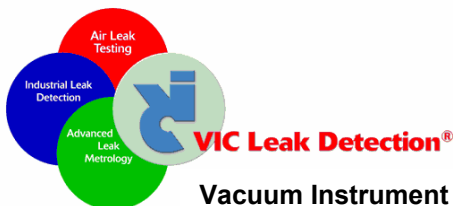
H₂ Hydrogen Leak Detector – SN 4455

The V.I.C. Hydrogen Sniffer enables leak testing independent of a power supply system and connection cable. Leaks can easily be located in component parts – even in the smallest of spaces. Now with optional WLAN station for connection to a PC.

Features:

- Portable, Hand-held
- Microprocessor controlled
- Bar-graph, and direct readout digital LCD display in PPM
- Automatic setting to zero point at fresh air
- Self-detectable Sensory Scan
- Backlight On/Off Switch
- Separate Battery Charger
- WLAN Module, Optional
- Docking Station, Optional
- Earphone Connection, Optional

www.vicleakdetection.com



Vacuum Instrument Corporation

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HYDROGEN SNIFFER PERFORMANCE SPECIFICATIONS

Technical features:

- WLAN module for connecting to a PC. With WLAN functions you are able to use the KeyXSoftware option to automatically create your own workflow and make sure that every piece is leak tight and correctly measured. Data collected by the sniffer can be manually saved.
- SET-button for background suppression of gas
- Microprocessor controlled
- Bar-graph and digital LCD display of concentrations of a few ppm down to the "low explosive limit" 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
- 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



LCD-display of measurement ranges:

100%	=	1.000.000ppm
10%	=	100.000ppm
1%	=	10.000ppm
0.1%	=	1.000ppm
0.01%	=	100ppm
0.001%	=	10ppm
0.0001%	=	1ppm

Minimum Detectable Leak Rate:

1 x 10⁻⁶ Atm-cc/sec

Resolution:

1ppm / 0.1 Vol%

Rechargeable battery: NiMH 4x1.2 V

1600 mAh included

Operation period: minimum 4 hours of continuous use

Start-Up Time:

< 50 seconds

Response Time:

1 – 2 seconds

Operating temperature:

-5 to +104 °F (-15 to +40 °C)

Storage / Transport Temperature:

-13 to +158 °F (-25 to +70 °C)

Storage / Transport Humidity: 20 to 80%

Auxiliary equipment: wall power supply/charger

Input Voltage / Freq: 115V / 60 Hz

Output Voltage / Current: 9V / 150 mA

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

Weight: 14.5 oz (410 g) total

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