


## DXH 240

LEAK DETECTOR FOR H<sub>2</sub>/N<sub>2</sub> TRACER GAS

DATASHEET



Detection of H<sub>2</sub>/N<sub>2</sub> tracer gas mixture leaks for tightness control, by sniffing, at atmospheric pressure.

 H<sub>2</sub>/N<sub>2</sub> tracer gas mixture

 OLED graphic display

 Compact and robust housing



Find us on : [www.h2leak.com](http://www.h2leak.com)

**YOU HAVE A JOB TO DO,  
WE HAVE THE RIGHT TOOLS**

## Application

The DXH 240 is a hand-held leak detector used for tightness control applications. Sensor with high detection performances for H2/N2 tracer gas.

## Conception

Designed for worksite and maintenance applications, the DXH 240 allows professionals to have a detector ensure reliability. Wear parts (detection cell, flexible suction pipe) are directly interchangeable for easy maintenance.

## Maintenance

Maintenance and supply of spare parts are provided directly by the manufacturer SAPRE.



🔹 **Protective cover**  
protects the case from shocks and optimizes handling. *(in option)*



🔹 **Sound signal**  
progressive sound signal according to the level of leak detected.

🔹 **Lighting LED**  
illuminated LED at the head of the cabinet to illuminate dark detection areas.

🔹 **Interchangeable wear parts**  
Wear parts such as the detection cell and the flexible suction pipe are directly interchangeable.

🔹 **Mode selector**  
- DETECTION mode with auto zero.  
- TRACK mode with manual zero.

🔹 **Sensitivity selector**  
sensitivity selection button with 4 positions.

🔹 **Graphics ramp**  
progressive graphical ramp indicating the estimated leak value according to the sensitivity setting.

## Specifications

<b>Housing</b>	Shockproof plastic case, Height 55 cm, Width 5 cm, Depth 4 cm, Weight 0.350 kg
<b>Power supply</b>	Build-in rechargeable batteries, Autonomy 8h approx. USB C type charging plug, full charge in approx. 12 hours.
<b>Uses</b>	For worksite and maintenance applications. Optimal performance between 10 and 40°C. <b>Non-Explosion-Proof Detector. Never use in hazardous or explosive atmospheres.</b> <b>Never use the detector for gas concentrations equal to or greater than the LEL of hydrogen.</b>
<b>Detection</b>	<ul style="list-style-type: none"> <li>• With suction flow for fast response time and degassing.</li> <li>• Interchangeable detection cell. Electrochemical cell type.</li> <li>• 30 cm flexible probe with steel shape memory.</li> <li>• 2 detection modes: DETECTION mode and TRACK mode.</li> </ul>
<b>Warming-up</b>	Cell heating time: 60 seconds approx.
<b>Response time</b>	1 second approx.
<b>Sensitivity</b>	<ul style="list-style-type: none"> <li>• 1.10-5 cc/s for H2/N2 tracer mixture [equivalent to approx. 1 g/year refrigerant gas]</li> <li>• 5.10-7 cc/s for H2 100% [equivalent to approx. 0.05 g/year refrigerant gas]</li> <li>• 1 ppm H2 (1 ppm to 1000 ppm H2) <i>Under optimal conditions of use</i></li> </ul>
<b>Calibration</b>	Calibration and automatic zero on the ambient atmosphere. 4 sensitivity positions.
<b>Display</b>	Progressive graphic ramp with sound signal according to the leak detected. Battery level and ambient contamination indication. Permanent self-monitoring: cell error and low battery level.
<b>Warning lights</b>	Battery charge indicator light.
<b>Carrying case</b>	Detector supplied complete in transport case with mains charger and user manual.

**For more information on our products, applications and services, contact our sales department.**



H2Leak | 233 Arnold Mill Road Suite 300 | Woodstock | GA 30188  
O : (+1) 770,479-7138 | M : (+1) 404-372-6154 | E-mail : greg@schoonoverinc.com | Web : www.h2leak.com

