


## DXR 240

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


DATASHEET



Refrigerant gases & H<sub>2</sub>/N<sub>2</sub> tracer gas leaks detection for tightness control, by sniffing, at atmospheric pressure.

 HFO-HFC, R600 & R290, H<sub>2</sub>/N<sub>2</sub>

 OLED graphic display

 Compact and robust housing



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## Application

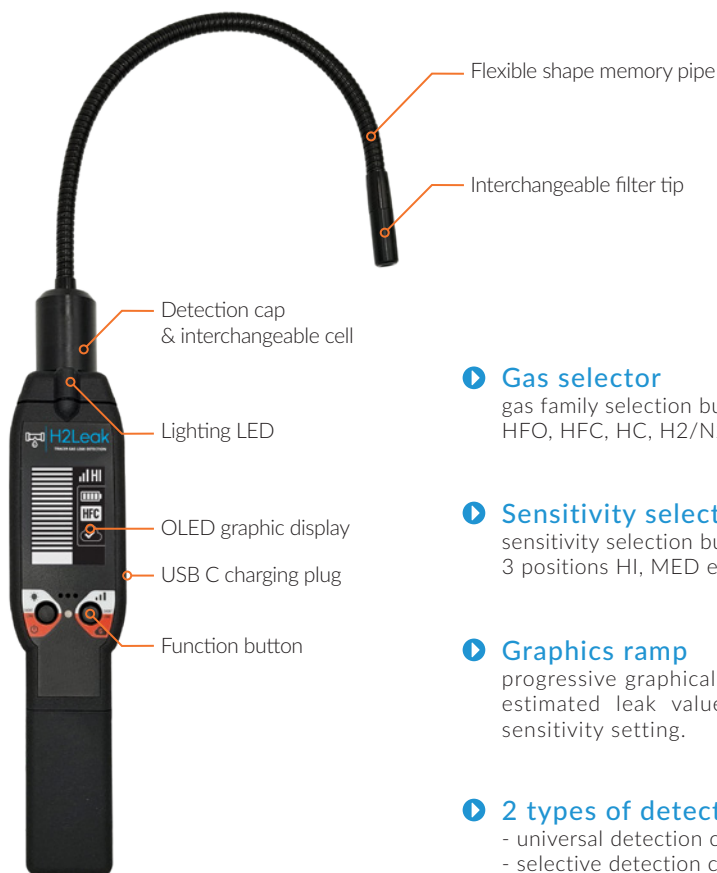
The DXR 240 is a hand-held leak detector used for tightness control applications. Sensor with high detection performances for all refrigerant gases and H2/N2 tracer gas.

## Conception

Designed for worksite and maintenance applications, the DXR 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 top of the box to illuminate dark detection areas.

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

- ▶ **Gas selector**  
gas family selection button  
HFO, HFC, HC, H2/N2.
- ▶ **Sensitivity selector**  
sensitivity selection button,  
3 positions HI, MED et LO.
- ▶ **Graphics ramp**  
progressive graphical ramp indicating the estimated leak value according to the sensitivity setting.

- ▶ **2 types of detection cell**
  - universal detection cell for refrigerant gases and H2/N2 tracer mixture.
  - selective detection cell for H2/N2 tracer mixture.

## 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 a hazardous or explosive atmosphere.</b>
<b>Detection</b>	Probe with suction flow with fast response time and degassing. Interchangeable detection cell: Universal refrigerant gas or H2/N2 tracer mixture. 30 cm flexible probe with steel shape memory.
<b>Warming-up</b>	Cell heating time: 60 seconds approx.
<b>Response time</b>	1 second approx.
<b>Sensitivity</b>	- 1 g/yr min. sensitivity for HFC, HFO - 1 g/yr min. sensitivity for R600 & R290 - 1.10-5 cc/s min. sensitivity for tracer mixture H2/N2 [equivalent approx. 1 g/yr refrigerant gases]
<b>Calibration</b>	Automatic calibration and zeroing to ambient. 3 presets positions of sensitivity : HI, MED, LO. Selection of the gas family to be detected: HFC, HFO, HC, H2/N2.
<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.**



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