


DXR 240

GAS LEAK DETECTOR FOR REFRIGERANT GASES & H₂/N₂ TRACER GAS


DATASHEET



Refrigerant gases & H₂/N₂ tracer gas leaks detection for tightness control, by sniffing, at atmospheric pressure.

 HFO-HFC, R600 & R290, H₂/N₂

 OLED graphic display

 Compact and robust housing



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WE HAVE THE RIGHT TOOLS**

Application

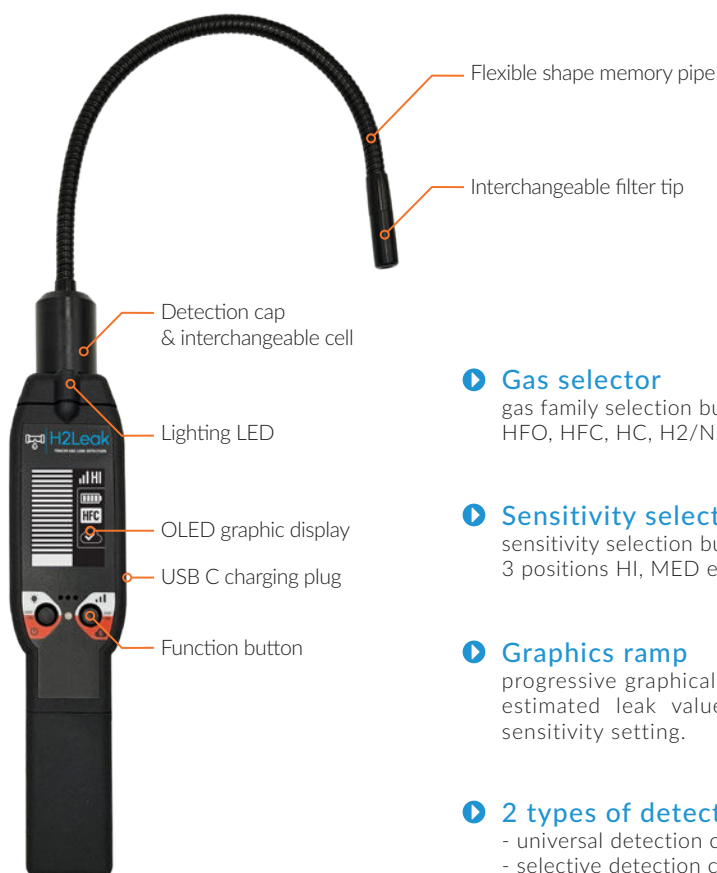
The DXR 240 is a hand-held leak detector used for tightness control applications. Sensor with high detection performances for all refrigerant gases and H2/N2 tracer gas.

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.



▶ **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.

▶ **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.

Specifications

Housing	Shockproof plastic case, Height 55 cm, Width 5 cm, Depth 4 cm, Weight 0.350 kg
Power supply	Build-in rechargeable batteries, Autonomy 8h approx. USB C type charging plug, full charge in approx. 12 hours.
Uses	For worksite and maintenance applications. Optimal performance between 10 and 40 °c. Non Explosion Proof Detector. Never use in a hazardous or explosive atmosphere.
Detection	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.
Warming-up	Cell heating time: 60 seconds approx.
Response time	1 second approx.
Sensitivity	- 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]
Calibration	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.
Display	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.
Warning lights	Battery charge indicator light.
Carrying case	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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