SAPRE
SINCE 1935

DXH 240-U

LEAK DETECTOR FOR UNDERGROUND PIPES WITH H2/N2 TRACER GAS

DATASHEET

MADE IN FRANCE

Detection of H2/N2 tracer gas mixture leaks for leak testing of underground pipes, by sniffing, at atmospheric pressure.

- H2/N2 tracer gas mixture
- OLED graphic display
- Compact and robust housing

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Application

The DXH 240-U is a portable leak detector used for leak testing applications for underground pipes. Hydrogen selective sensor with high detection performance for the H2/N2 tracer gas mixture.

Conception

Designed for worksite and maintenance applications, the DXH 240-U 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.

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.

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.

- Sniffing cone
- Precision tip

Interchangeable sniffing cone, replaceable with a precision tip for locating small leaks.

Interchangeable tip

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 hazardous or explosive atmospheres.** **Never use the detector for gas concentrations equal to or greater than the LEL of hydrogen.**
Detection	• With suction flow for fast response time and degassing. • Interchangeable detection cell. Electrochemical cell type. • 50 cm flexible probe with steel shape memory. • 2 detection modes: DETECTION mode and TRACK mode.
Warming-up	Cell heating time: 60 seconds approx.
Response time	1 second approx.
Sensitivity	• 1.10-5 cc/s for H2/N2 tracer mixture [equivalent to approx. 1 g/year refrigerant gas] • 5.10-7 cc/s for H2 100% [equivalent to approx. 0.05 g/year refrigerant gas] • 1 ppm H2 (1 ppm to 1000 ppm H2) *Under optimal conditions of use*
Calibration	Calibration and automatic zero on the ambient atmosphere. 4 sensitivity positions.
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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