

DF 110

Detector of refrigerant gases and hydrogen (H₂)

KEY POINTS

- Detection of all the HCFC and HFC refrigerants
- Detection of mixtures 5% hydrogen - 95% nitrogen (Nidron 5...)
- Heated diode sensor
- 3 modes of sensitivity (high, low and normal)
- Manual and automatic autozero

TECHNICAL FEATURES

Detected gases	HFC : R134a, R404a, R407c, R410a, R32, R422a/b/c/d, R425a, R507a, R125 HCFC : R22 CFC : R12 et R502 Others : H ₂ , R290, R600a, HFO-1234yf
Measuring element	Semi-conductor sensor
Display	13 leds : - 8 for the graphic visualization of thresholds - 3 for the sensitivity of detection - 2 for the battery level and manual autozero
Indication	LED : gradual lighting up when the gas concentration increases Audible : the beep frequency increases when the gas concentration increases
Probe	Flexible, 400 mm length
Autonomy	> 12 hours
Housing	Anti-choc ABS, protection IP54
Keypad	3 keys
Conformity	EMC 2004/108/CE and EN 61010-1 Directives
Power supply	4 AAA LR03 1.5 V batteries
Ambiance	Neutral gas
Operating temperature	From 0 to +50 °C
Storage temperature	From -20 to +80 °C
Auto-extinction	15 min
Weight	295 g



REGLEMENTATIONS

The refrigerant gas detector complied with the EN 14624 standard that determines the following points :

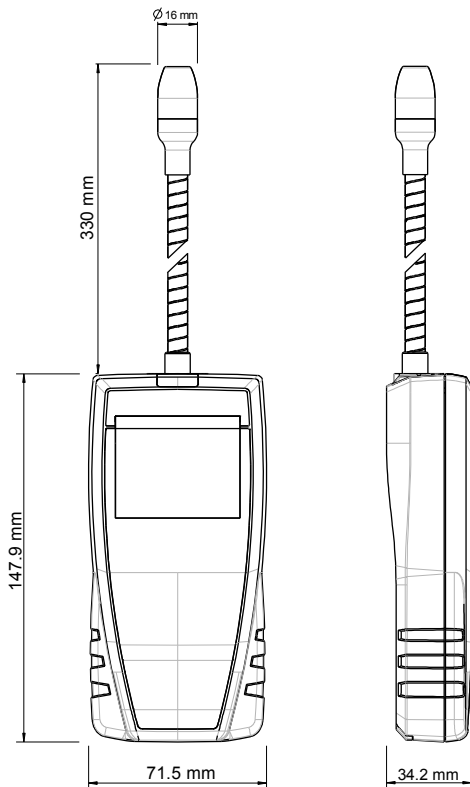
- **Fixed and on the go minimum threshold of sensitivity : 1 g/year (minimum)**
- **Minimum time of detection (1g/an) : 1 second**

SPECIFICATIONS

Mode	Indicative measuring range (g/an)	Visual alarm
Low sensitivity ("B" on the device)	From 0 to 300 g/an	All the leds (8) for 300 g/an
Normal sensitivity ("Norm" on the device)	From 0 to 30 g/an	All the leds (8) for 30 g/an
High sensitivity ("H" on the device)	From 0 to 3 g/an	All the leds (8) for 3 g/an

*According to the decree number 2007-737

SIZE



WARRANTY

Instruments have 1-year guarantee for any manufacturing defect (return to our After-Sales Service required for appraisal).

SUPPLIED WITH

Devices are supplied with :

- Verification certificate
- Transport case
- Test sample containing refrigerant gas
- Filter



ACCESSORIES

CQD : Magnetic protective housing



MT 51 : ABS transport case



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