

## Gas leak detector FG 110

### KEY POINTS

- Easy to use
- Indication of gas leaking in ppm, %vol or %LEL
- Hold-min-max function
- Adjustable back-light

### TECHNICAL FEATURES

Measuring element	semiconductor sensor
Display	4 lines, LCD technology. Sizes 50 x 36 mm 2 lines of 5 digits with 7 segments (value) 2 lines of 5 digits with 16 segments (unit)
Probe	Flexible, 300 mm
Housing	ABS, protection IP54
Keypad	5 keys
European directives	2004/108/EC EMC ; 2006/95/EC Low Voltage ; 2011/65/EU RoHS II ; 2012/19/EU WEEE
Power supply	4 batteries AAA LR03 1.5 V
Autonomy	20 heures
Ambience	Neutral Gas
Conditions of use (°C, %RH, m)	From 0 to +50 °C. In non condensing conditions. From 0 to 2000 m.
Storage temperature	From -20 to +80 °C
Auto shut-off	Adjustable from 0 to 120 min
Weight	295 g



### SPECIFICATIONS

Measurement units	Measurement range in CH <sub>4</sub>	Accuracy <sup>1</sup>	Resolution
ppm	From 0 to 10000 ppm		1 ppm
%vol	From 0 to 1% vol	20% of full scale	0.001%vol
%LEL	0 to 20%LEL		0.001% LEL

<sup>1</sup>All the accuracies indicated in this technical datasheet were stated in laboratory conditions, and can be guaranteed for measurements carried out in the same conditions, or carried out with calibration compensation

**%LEL** : is the limiting concentrations of gas (in air) that is needed for the gas to ignite and explode.

Example for CH<sub>4</sub> gas : 100%LEL = 5%vol

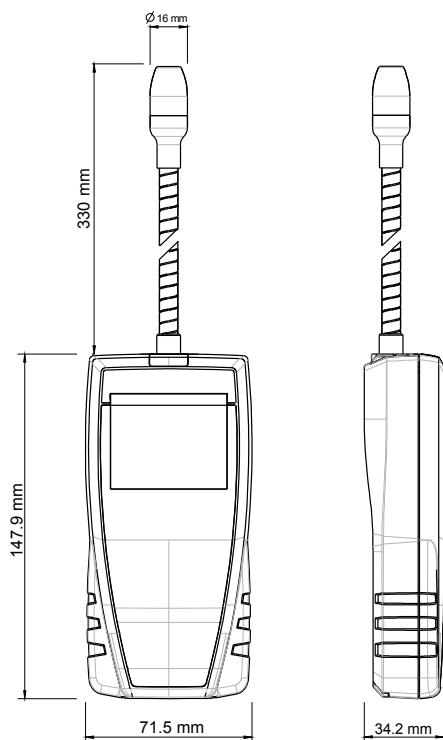
**%VOL** : is the concentrations of gas (in air) expressed in percentage of volume in air.

Example for CH<sub>4</sub> gas : 1%vol = 10 000 ppm

### FUNCTIONS

- Detection of gas such as methane (CH<sub>4</sub>), propane and isobutane
- Hold function
- Alarm (from 1000 to 10000 ppm)
- Display of minimum and maximum values
- Configurable auto shut-off
- Backlight

## DIMENSIONS



## MAINTENANCE

We carry out calibration, adjustment and maintenance of your instruments to guarantee a constant level of quality of your measurements. As part of Quality Assurance Standards, we recommend you to carry out a yearly checking.

## GUARANTEE

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

## SUPPLIED WITH

Instruments are supplied with :

- Verification certificate
- Transport case (ref : ST 110)



## ACCESSORIES

**CQ 15** : Magnetic protective housing



**MT 51** : ABS transport case



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