

# 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

<b>Measuring element</b>	semiconductor sensor
<b>Display</b>	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)
<b>Probe</b>	Flexible, 330 mm
<b>Housing</b>	ABS, protection IP54
<b>Keypad</b>	5 keys
<b>Conformity</b>	Directives CEM 2004/108/CE and NF EN 61010-1
<b>Power supply</b>	4 batteries AAA LR03 1.5 V
<b>Autonomy</b>	20 hours
<b>Ambience</b>	Neutral Gas
<b>Operating temperature</b>	From 0 to +50 °C
<b>Storage temperature</b>	From -20 to +80 °C
<b>Auto shut-off</b>	Adjustable from 0 to 120 min
<b>Weight</b>	295 g



## SPECIFICATIONS

Measurement units	Measurement range	Accuracy <sup>1</sup>	Resolution
<b>CH<sub>4</sub></b>			
ppm	From 0 to 10000 ppm	20% of full scale	1 ppm
%vol	(LPG : 0-1800)		0.001%vol
%LEL	From 0 to 1% vol 0 to 20%LEL		0.01% 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

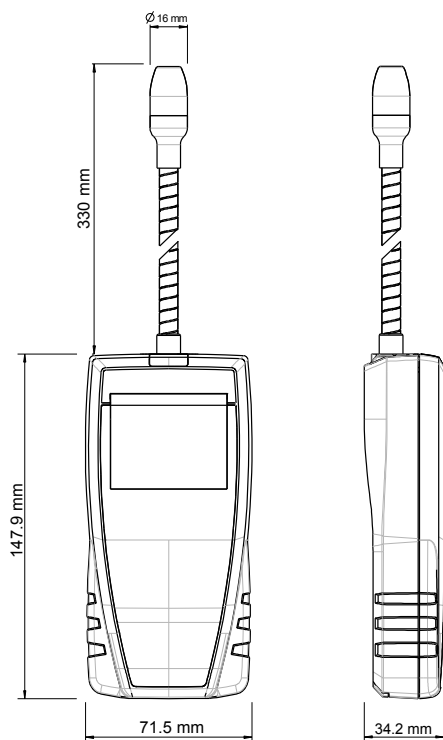
**%LEL** : is the limiting concentrations of gas (in air) that is needed for the gas to ignite and explode.

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

## FUNCTIONS

- Detection of gas such as methane (CH<sub>4</sub>), LPG ( isopropanol and isobutane) and others combustible gas (hydrocarbons)
- 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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