



DATA SHEET



# FG 110



## Gas leak detector



Easy to use



Indication of gas leaking in ppm, %vol or %LEL



Hold-min-max function



Adjustable back-light

### Features

- Detection of gas such as methane (CH<sub>4</sub>), propane and isobutane
- Hold function
- Alarm (from 1000 to 10 000 ppm)
- Display of minimum and maximum values
- Configurable auto shut-off
- Backlight

### Technical specifications

Accuracy <sup>(1)</sup>	Measurement range in CH <sub>4</sub>	Resolution
20% of full scale	From 0 to 10 000 ppm From 0 to 1% vol 0 to 20% LEL	1 ppm 0.001% vol 0.001% LEL

% 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

\*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.

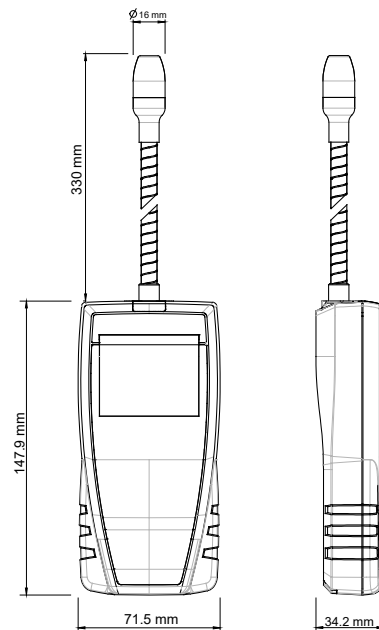
## General features

Measurement units	ppm, %vol, %LEL
Measuring element	Semiconductor sensor
Display	4 lines, LCD technology. Dimensions 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	2014/30/EU EMC; 2014/35/EU Low Voltage; 2011/65/EU RoHS II; 2012/19/EU WEEE
Power supply	4 batteries AAA LR03 1.5 V
Battery life	20 hours
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

## 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.

## Dimensions (in mm)



## Kit content

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

## Accessories

Name	Reference
Magnetic protective housing	CQ 15
ABS transport case	MT 51