

# DIGITAL PORTABLE GAS LEAK DETECTOR

Digital handheld gas leakage detector, equipped with an external whip (for reaching the point in which the leakage is likely to happen) at whose end is mounted a gas semiconductor sensor for detection of low concentrations of hydrocarbons in gas appliances and pipes. This device can detect either Methane (CH<sub>4</sub>) or LPG (a mixture of isoButane and isoPropane), but generally to several types of Hydrocarbons

## TECHNICAL FEATURES

*Power supply:* 9V, 6x1,6V AAA alkaline batteries

*External power supply:* 12 Vcc, 100 mA

*Battery life:* 4 hours minimum

*Battery level:* 6.00 V (instr. operational)

*Low-Batt level:* 5.50 V (instr. stopped)

*Measurement range:* 0.00 .. 10.000 ppm CH<sub>4</sub>

0.00 .. 1% VOL CH<sub>4</sub>

0.00 .. 20% LEL CH<sub>4</sub>

0.00 .. 1.800ppm LPG (isoC<sub>4</sub>H<sub>10</sub>)

*Resolution:* 1 ppm

*Accuracy:* ± 20% f.s. @ 20°C ± 1°C, 65 ± 5% RH

*Measurement units:* ppm, %vol, %L.E.L.

*Sensor type:* Semiconductor

*Pre-heating time:* max. 45 seconds fixed

*Auto-shut-off time:* OFF, 1 .. 30 minutes

*Display:* LCD TN

*Protection grade:* IP 20

*Operating temperature:* 0°C .. +40°C

*Storage temperature:* -10°C .. +50°C

*Humidity limits:* 20% .. 80% RH non condensating

*Enclosure:* Material: ABS HB self-extinguishing

Color: Dark blue

*Dimensions:* 72 x 151 x 37mm. (W x H x D)

*Weight:* ~ 312 gr.

*Sensor whip length:* 270 mm

*Accessories:* External adaptor 230V~/12V= 100mA  
(available upon request)\_

