

## GAS DETECTOR GAP-CH4



Sensor made in Switzerland



### Features

- High quality sensor of Membrapor brand from Switzerland
- New display screen, modern design, full-color 3.5-inch TFT screen, color LCD display
- Digital and graph display of gas concentration.
- Built-in pump for suction gas in the measurement, and it can be adjust a suction level 20...100% of power
- Built-in memory, it can be stored data in device
- Intelligent Probe design that convenient calibration and maintenance
- Able to turn on/off a sound
- Various calibration point, 2 to 12 points
- High-capacity lithium battery-powered, rechargeable
- Low alarm, High alarm, TWA, STEL with Sound alarm

### Technical Data

**Gas type :** Methane ( $\text{CH}_4$ )  
**Measuring type :** Pump (build-in)  
**Measuring range :** 0...5/ 10/ 20/ 50/ 100 %vol  
**Accuracy :**  $\pm 2\%$  of full scale  
**Resolution :** 0.01/ 0.01/ 0.01/ 0.1/ 0.1 %vol  
**Sensor type :** Non-dispersive infrared sensor (NDIR)  
**Life expectancy :** 5...10 years  
**Preheating time :** 60 sec  
**Memory capacity :** 200,000 reading (*Internal memory*)  
**Operating temperature :**  $-20...+55^\circ\text{C}$   
**Operating humidity :** 15...95 %RH, non-condensing  
**Operating pressure :** Atmospheric pressure  
**Power supply :** Lithium battery 4.2V/ 3000 mAh  
**Continuous work hours :** 8...12 hours  
**Charge time :** 6...8 hours  
**Body material :** Polycarbonate  
**Dimension :** 228 x 84 x 50.5 mm  
**Weight :** 550 g  
**Explosion protection :** Ex ib IIB T4 Gb  
**Protection :** IP65

### Ordering code

GAP - CH4 - ☐

**5V :** Range 0...5 %vol  
**10V :** Range 0...10 %vol  
**20V :** Range 0...20 %vol  
**50V :** Range 0...50 %vol  
**100V :** Range 0...100 %vol

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## GAS DETECTOR GAP-CH4

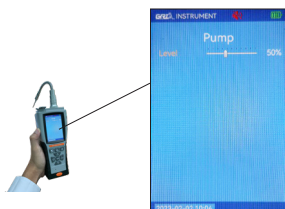
### Highlight features

#### • New display screen



New display screen. there is developed to be modern design for nowadays. the display is 3.5 inch with full - color, TFT screen. And the display is color LCD display

#### • Adjustable pump level



Built-in pump for suction gas in the measurement, and it can be adjust a suction level 20...100% of power

#### • Alarm (A1, A2, STEL and TWA)



**Alarm 1 (A1) and Alarm 2 (A2) :**  
Alarm 1 and 2 can be set according to user



##### **Short Term Exposure Limit (STEL) :**

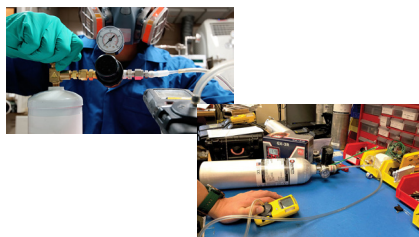
The gas detector has function the short term exposure limit (STEL) It is a the maximum permissible gas concentration a worker can be safely exposed to for short periods of time (5-15 minutes maximum).



##### **Time-Weighted Average (TWA) :**

The gas detector has function the time-weighted average (TWA) It is a safety measure used to determine accumulated averages of gases. An average is determined using method to ensure the worker leaves an area when the maximum average is accumulated.

#### • Calibration available



The gas detector can do a calibration via laboratory and the calibration function can be calibrated

- Two points
- Mutipoints

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