

## GAS DETECTOR GAP-C2H4



Sensor made in Switzerland



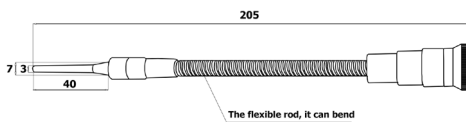
### Features

- 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 :** Ethylene (C<sub>2</sub>H<sub>4</sub>)  
**Measuring type :** Pump (build-in)  
**Measuring range :** 0...10/ 200/ 1500 ppm  
**Accuracy :** ±5 % of full scale  
**Resolution :** 0.01/ 0.1/ 1 ppm  
**Sensor type :** Electrochemical  
**Sensor life :** 1...3 years  
**Preheating time :** 60 sec  
**Memory capacity :** 200,000 reading (*Internal memory*)  
**Operating temperature :** -20...+55 °C  
**Operating humidity :** 15...95 %RH, non-condensing  
**Operating pressure :** Atmospheric pressure  
**Power supply :** Lithium battery 3.7V/ 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

### Drawing



### Ordering code

GAP - C2H4 -

**10 :** Range 0...10 ppm  
**200 :** Range 0...200 ppm  
**1500 :** Range 0...1500 ppm

[www.omi.co.th](http://www.omi.co.th)

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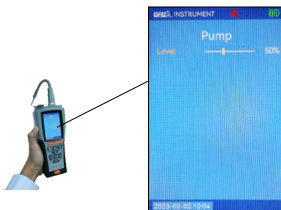
### Highlight features

- 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

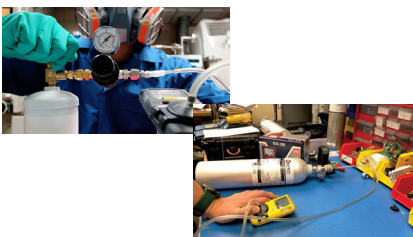


**Short Term Exposure Limit (STEL) :**  
The gas detector has function the short term exposure limit (STEL)It is a the maximum permissible gas concentration a worker can be safely exposed to for short periods of time (5-15 minutes maximum).



**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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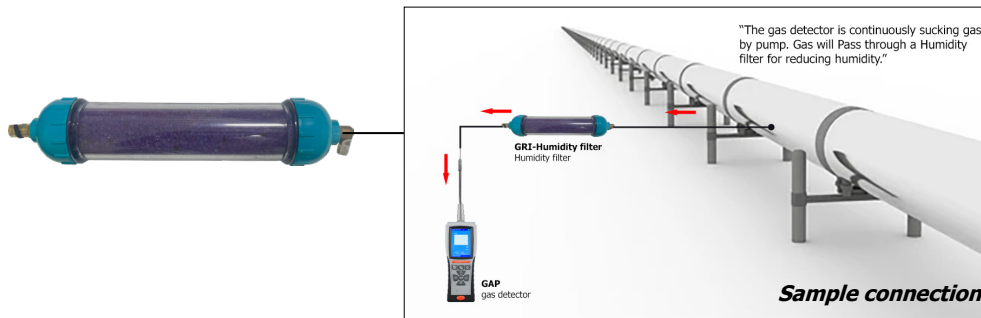
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## GAS DETECTOR GAP-C2H4

### Accessories (option)

#### GRI-Humidity filter

Humidity filter for gas sensor. It will protect the gas sensor from humidity. There may be cause of damage immediately if user measure gas with high humidity.



*\*note : The gas detector cannot use with high pressure condition. It should use in atmosphere condition.*

#### XM-Filter

They are filters of gas detector. It will protect a dust from measurement gas. There are 2 pieces in a set



#### BAT-GAP

The battery is for gas detector, model **GAP** only. It is Lithium battery 3.7V/ 3000 mAh.

*\*Do not use other battery. It will be cause of damage.*



#### GAP-SENSOR-

The sensor gas for gas detector, model **GAP** only. The type of gas sensor can be selected by user according to gas detector *ie. GAP-SENSOR-O2, GAP-SENSOR-NH3, etc.*



#### CAL-G-

We recommend calibrate gas detector every year. it will confirm that device on precision. If user would like to have quotation, do not hesitate to contact us



*Standard gas calibration*

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