

GAS DETECTOR GAP-CH4



Sensor made in Switzerland



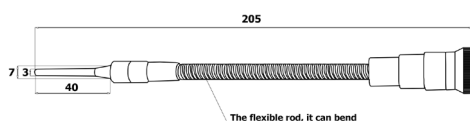
Features

- 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 (CH₄)
Measuring type : Pump (build-in)
Measuring range : 0...5/ 10/ 20/ 50/ 100 %vol
Accuracy : ±5% 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 °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 - 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

www.omi.co.th

Omega Measuring Instrument Co., Ltd.

Tel : 02-105-4676

Fax : 02-903-0080 ext. 6867

Email : info@omi.co.th

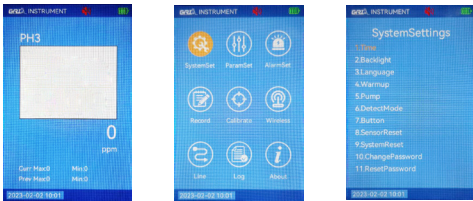
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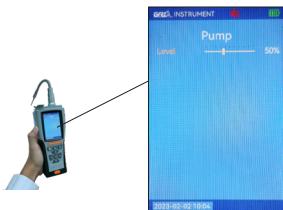
Highlight features

- 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

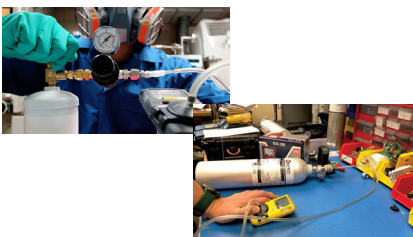


Short Term Exposure Limit (STEL) :
The gas detector has function the short term exposure limit (STEL)It is a the maximum permissible gas concentration a worker can be safely exposed to for short periods of time (5-15 minutes maximum).



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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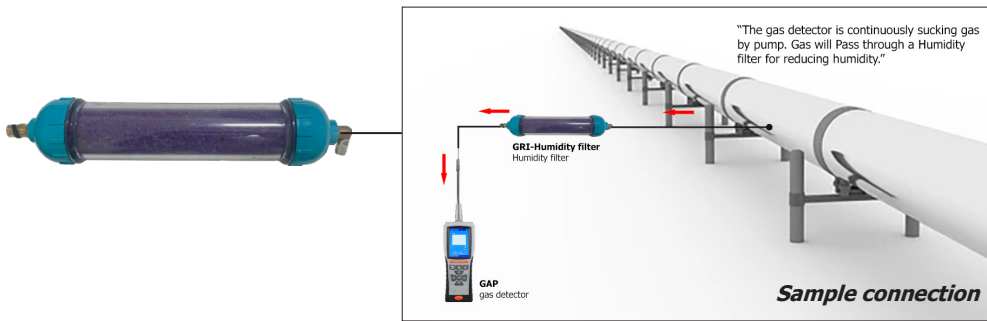
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Accessories (option)

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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