

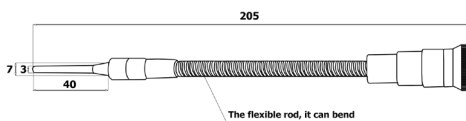
GAS DETECTOR GAP-CH20



Sensor made in Switzerland



Drawing



Ordering code

GAP - CH20 -

10 : Range 0...10 ppm
500 : Range 0...500 ppm
1000 : Range 0...1000 ppm

www.omi.co.th

Omega Measuring Instrument Co., Ltd.

Tel : 02-105-4676

Fax : 02-903-0080 ext. 6867

Email : info@omi.co.th

Line : @omith

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

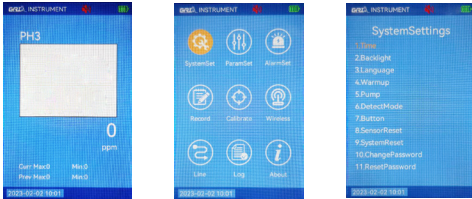
Gas type : Formaldehyde (CH₂O)
Measuring type : Pump (build-in)
Measuring range : 0...10/ 500/ 1000 ppm
Accuracy : ±5% of full scale
Resolution : 0.01/ 1/ 1 ppm
Sensor type : Electrochemical
Life expectancy : 1...3 years
Preheating time : 60 sec
Memory capacity : 200,000 reading (*Internal memory*)
Operating 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



GAS DETECTOR GAP-CH20

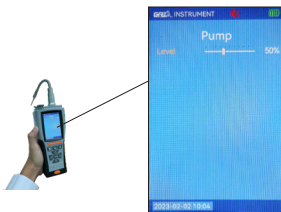
Highlight features

- 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

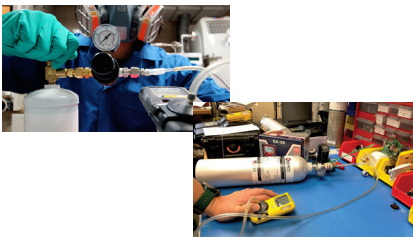


Short Term Exposure Limit (STEL) :
The gas detector has function the short term exposure limit (STEL)It is a the maximum permissible gas concentration a worker can be safely exposed to for short periods of time (5-15 minutes maximum).



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

www.omi.co.th

Omega Measuring Instrument Co., Ltd.

Tel : 02-105-4676

Fax : 02-903-0080 ext. 6867

Email : info@omi.co.th

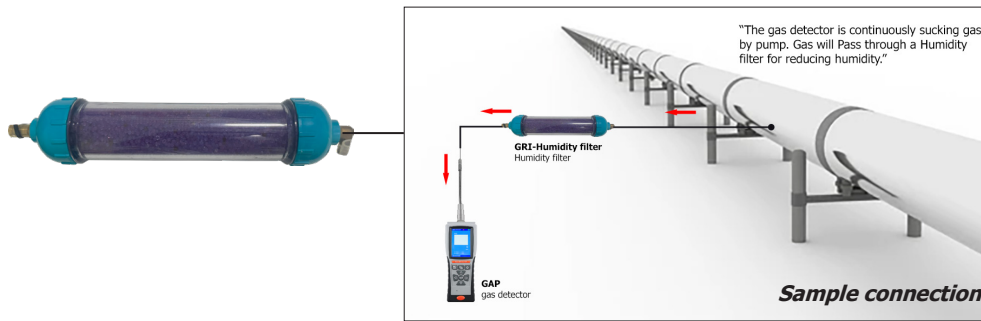
Line : @omith

GAS DETECTOR GAP-CH20

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

www.omi.co.th

Omega Measuring Instrument Co., Ltd.

Tel : 02-105-4676

Fax : 02-903-0080 ext. 6867

Email : info@omi.co.th

Line : @omith