

GAS DETECTOR GAP-SO2



Sensor made in Switzerland

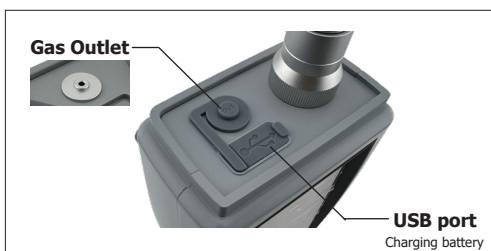
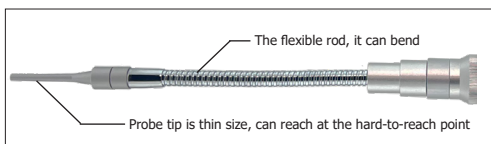


Features

- 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 : Sulfur dioxide (SO₂)
Measuring type : Pump (build-in)
Measuring range : 0...20/ 100/ 2000/ 10000/ 40000 ppm
Accuracy : ±2% of full scale
Resolution : 0.01/ 0.1/ 1/ 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 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 - SO2 - ☐

20 : Range 0...20 ppm
 100 : Range 0...100 ppm
 2000 : Range 0...2000 ppm
 10000 : Range 0...10000 ppm
 40000 : Range 0...40000 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



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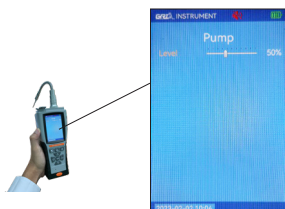
Highlight features

• 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) :

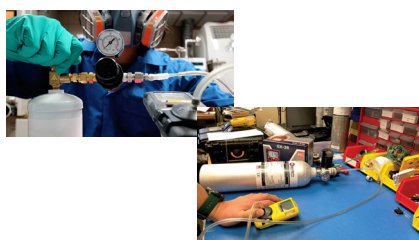
The gas detector has function the short term exposure limit (STEL) It is a the maximum permissible gas concentration a worker can be safely exposed to for short periods of time (5-15 minutes maximum).



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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