

PORTABLE GAS MONITOR

**COMPACT, LIGHT WEIGHT INTELLIGENT UNIT WITH A BROAD SPECTRUM OF FEATURES TO
DETECT TOXIC GASES/O₂ DEFICIENCY/HYDROCARBONS**

SMART GAS MONITOR

MODEL NO. : SME-PGM-HC

The advanced micro-controller technology employed makes these alert meters highly dependable, reliable and accurate. The complete automatic operation and calibration feature leaves no scope for user error. It has inbuilt Alarm with Vibration. These compact, self contained and intrinsically safe designs are housed in a weather proof and dust resistant high impact plastic.



SME-PGM-HC Smart Gas Monitor

SPECIAL FEATURES

- Compact size helps you carry it in hand/pocket
- Rechargeable Battery
- Graphic Display
- Inbuilt Alarm with Vibration
- Adjustable Alarm Setting
- Auto zero with fresh air as sample gas
- 4 Key Operation

APPLICATIONS

- Refineries
- Petrochemicals
- Oil and gas
- Pharmaceutical
- Steel
- Fertilizers
- Process industries

SPECIFICATIONS

Type	: Portable, Smart, Pocket size
Detectable gases / parameters	: Toxic gases, oxygen
Electronics / processor	: Micro-controller
Power supply	: 3.7 V DC Rechargeable Li-ion battery
Display	: 128 * 32 Graphic display
Alarm	: LOW & HI (Inbuilt low battery alarm with Vibration)
Technology / Sensor	: Electrochemical
Resolution	: 1 PPM or 0.1 PPM / %V/V
Accuracy	: $\pm 2\%$ of Range / For O ₂ : 0.5 % of Range
Response time	: Less than 30 sec
Operating temperature	: 0 to 55 °C
Sampling	: Diffusion
Housing	: High Impact ABS
Accessories	: 230 VAC, 50 Hz Charger
Sensor life	: Approx. 2 - 3 years
Measurement	: Continuous
Relative humidity	: 0 - 95 % Rh
Dimensions	: 109 x 65 x 25 mm
Weight	: 125 gm

GASES AND RANGES

1. H ₂	: 0 - 100%	LEL	7. HC	: 0 - 100%	LEL
2. CH ₄	: 0 - 100%	LEL	8. Hexane	: 0 - 100%	LEL
3. C ₂ H ₆	: 0 - 100%	LEL	9. CNG	: 0 - 100%	PPM
4. LPG	: 0 - 100%	LEL	10. O ₂	: 0 - 25 / 0 - 100	%V/V
5. CNG	: 0 - 100%	LEL	11. VOC	: 0 - 100%	LEL
6. C ₆ H ₄	: 0 - 100%	LEL	12. Acetone	: 0 - 100%	LEL

ORDERING INFORMATION

Model No
2015

GASES

O₂ / Toxic / O₃

RANGES

0 - 25 %V/V / 0 - 1000 PPM / $\mu\text{g}/\text{m}^3$

Note : Images shown are indicative onl. Specific cations an eatures will vary with applicication. There may be changes overtime o cono continu velopment process.
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