



Features:

- Monitors LEL, % Vol Methane, O₂, CO and H₂S
- 0 to 100% Vol Methane option
- Auto-ranging display of % LEL and % volume
- Internal sample drawing pump with up to 15 metre range
- Vibration, visual, and audible alarms
- Automatic backlight during alarms
- Calibration reminder with lock out option
- Quick charge (complete charge in 90 minutes)
- Glove friendly large buttons
- Alarm latching or non-latching
- High impact protective rubber overmolding
- Up to 600 hours of datalogging with alarm trends
- Autocalibration or single calibration
- TWA and STEL readings with lunch-break mode

Built around our high-quality micro-sensor technology, the GX-2012 is our smallest personal 5 sensor gas monitor with a built-in sample pump. Weighing only 350 grams, it has two operating modes: Normal (for confined spaces) and bar hole. The GX-2012 can monitor the standard confined space gases (LEL combustibles, Oxygen content, Carbon Monoxide and Hydrogen Sulphide) as well as 100% volume Methane, and dynamically display either %LEL or %Volume with its auto-ranging ability. The GX-2012 can be used for gas line purge testing as well as standard safety testing.

The GX-2012's large LCD display shows all gas readings, battery level and current time, and will automatically backlight in alarm conditions. Standard alarm types include vibration, visual and audible alarms that can be set to latching or non latching. Controlled by a microprocessor, the GX-2012 continuously checks itself for sensor connections, low battery, circuit trouble, low flow and calibration errors. The GX-2012 can interchangeably operate on either a Li-ion battery pack or an alkaline battery pack. The batteries are simple to replace requiring no tools to access the removable battery compartment or pack.

Calibration and bump test intervals and reminders are user adjustable and can be set to either go into alarm or to lock the user out of normal measurement mode once a calibration period has expired. Calibrations can be performed automatically or individually in single calibration mode. The GX-2012 is also compatible with the economical SDM-2012 single channel calibration station.

Gas Detected	Combustible gases (Methane as standard)	% Volume Methane	Oxygen (O ₂)	Hydrogen Sulphide (H ₂ S)	Carbon Monoxide (CO)
Detection Principle	Catalytic Combustion	Thermal conductivity	Galvanic cell	Electro-chemical cell	Electro-chemical cell
Detection Range	0 – 100% LEL	0 - 100% Vol	0 – 40.0% Vol	0 – 100 ppm	0 – 500 ppm
Accuracy Statement (whichever is greater)	± 5% of reading or ± 2% LEL	± 5% of reading or ± 2% of full scale	± 0.5% O ₂	± 5% of reading or ± 2ppm H ₂ S	± 5% of reading or ± 5ppm CO
Sampling Method	Internal sample pump, flow rate nominal 0.5 lpm, includes hydrophobic filter				
Display	Digital LCD with 7 segments, auto backlight during alarm				
Present Alarms (User Adjustable)	1st alarm 5% LEL 2nd alarm 10% LEL Over alarm 100% LEL	No alarms for % Vol CH ₄	Low alarm 19.5% High alarm 23.5% Over alarm 40.0%	1st alarm 10 ppm 2nd alarm 15 ppm TWA alarm 10 ppm STEL alarm 15 ppm Over alarm 100 ppm	1st alarm 30 ppm 2nd alarm 60 ppm TWA alarm 30 ppm STEL alarm 200 ppm Over alarm 500 ppm
Alarm Types	Gas Alarm: 1st and 2nd, STEL, TWA (user adjustable) and OVER Trouble Alarm: Sensor connection, low battery, low flow, circuit trouble and calibration error				
Alarm Methods	Gas Alarm: Flashing lights, two tone buzzer and vibration Trouble Alarm: Flashing lights, trouble displayed, intermittent buzzer and vibration				
Operating Temp & Humidity	-20°C to +50°C, 0 to 95% RH, non-condensing				
Response Time	Within 30 seconds (T90)				
Continuous Operation	Alkaline battery: 15 hours				

Specifications subject to change



Austgas Instruments P/L ABN 93 380 693 142

Head Office:
4 Croker Place
Green Valley NSW 2168
AUSTRALIA

Phone: (02) 9825 8796
Fax: (02) 9825 0472
Email: sales@austgas.com.au
Website: www.austgas.com.au