



# PORTABLE MULTI GAS MONITOR

## LEADERS IN GAS DETECTION

Since 1977

## GX-8000 Model

### Features:

- Real-time detection with ppm range
- Large digital and bar graph display with back light
- Loud alarm buzzer with 95dB
- 2 steps adjustable alarm volume
- Easy and simple operation
- Compact size and light weight
- ATEX Intrinsic safe design Exia IIC T4
- Water and dust resistant IP67
- Ergonomic design with waist strap for hands free operation (optional)
- Data logging standard

### Applications:

- Confined space
- Refineries / petrochemical / chemical plants
- Chemical tanker
- Gas plant / gas supplier services
- Utilities
- Semiconductor / LED / solar cell plants
- Chemical tanker
- Monitoring toxic gas in hazardous zone
- Leak check at maintenance work



The GX-8000 sets the new industry standard for rugged, reliable portable gas detection. Its tough, water proof design utilises features based on years of gas detection design experience, to assure that the instrument will operate properly to protect workers and property in all kinds of harsh gas detection applications. The GX-8000 model has a powerful in-built suction pump.

The large, LCD display, shows a digital value of the component gas concentration. In loud environments the highly bright LED lamps are arranged in three directions making the unit visible from all angles.



OIL & GAS



CONFINED  
SPACE



HYGIENE



MINING



LABORATORIES



HVAC



DEFENCE



SHIPPING



FUMIGATION

### Control Equipment Pty Ltd ABN 23 009 838 582

#### QLD:

Unit 1 / 3 Deakin St  
Brendale Qld 4500  
Phone: (07) 3481 9000

[sales@controlequipment.com.au](mailto:sales@controlequipment.com.au)

#### WA:

Unit 5 / 30 Enterprise Crescent  
Malaga WA 6090  
Phone: 1800 174 536

[www.controlequipment.com.au](http://www.controlequipment.com.au)

#### Offices/Agents in:

Sydney  
Melbourne  
Adelaide

Hobart  
Auckland  
Wellington



Target Gas	All Combustible gases (CH <sub>4</sub> , i-C <sub>4</sub> H <sub>10</sub> , H <sub>2</sub> and others)		Oxygen (O <sub>2</sub> )	Hydrogen Sulphide (H <sub>2</sub> S)	Carbon Monoxide (CO)
Detection Principle	Catalytic Combustion	Thermal conductivity	Galvanic cell	Electro-chemical cell	Electro-chemical cell
Detection Range (Increments)	0 – 100% LEL (1%LEL)	0 - 100% Vol (1Vol%)	0 – 40.0% Vol (0.1%)	0 – 100 ppm (0.5ppm)	0 – 500 ppm (1ppm)
Gas Alarm	1st alarm     5% LEL 2nd alarm     10% LEL	N/A	1st alarm:     19.5% 2nd alarm:     23.5%	1st alarm     10 ppm 2nd alarm     15 ppm TWA alarm    10 ppm STEL alarm    15 ppm	1st alarm     30 ppm 2nd alarm     60 ppm TWA alarm    30 ppm STEL alarm    200 ppm
Types of Alarms	Gas Alarm:                      Latching, 2 alarms Failure Alarm:                Flow Failure, Sensor failure, Battery failure, Circuit failure, Calibration failure				
Display of Alarms	Digital LCD:                LED's flash Buzzer:                      Buzzer sounds alternating between low and high pitch Visual Indication:        Indication value flashes. Alarm message displays and flashes.				
Alarm Sound	Greater than 35dB (A) at 30 cm				
Display	Digital LCD with auto backlight Digital display (7 Segments) and digital bar graph (25 segments)				
Sampling Method	Sample draw, minimum 0.75L/minute				
Power Source	Lithium-ion battery:                Standard 3 hours for full charge AA Alkaline battery (3 pieces): Optional				
Continuous Operation	Lithium-ion battery:                Greater than 12 hours AA Alkaline battery:                Greater than 6 hours				
Operating Temp & Humidity	-20°C ~ to +50°C, below 95% RH, non-condensing				
Dimension & Weight	Approx 15cm x 8cm x 13cm (L x W x H), approx 1.1kg				
Ingress Proof Rating	Equivalent to IP67				
Explosion proof	Intrinsically safe Exia II CT4				
Approvals	IECEX, ATEX, TIIS MED, HK, CE Mark, all approvals submitted and pending				
Standard Accessories	Neck Shoulder Strap Gas Sampling Probe		Gas Sampling Hose (1m) AC Powered Charger	Instruction Manual Lithium-ion battery unit	
Additional Features	Complying to IEC60079-29-1 Indication to show energizing (pilot indicator and pump driving indicator), Pump stop function, Bump test function, IrDA Communication, Data logger, Password Protected				
Warranty	Two Years material and workmanship				



OIL & GAS



CONFINED  
SPACE



HYGIENE



MINING



LABORATORIES



HVAC



DEFENCE



SHIPPING



FUMIGATION

**Control Equipment Pty Ltd** ABN 23 009 838 582

#### QLD:

Unit 1 / 3 Deakin St  
Brendale Qld 4500  
Phone: (07) 3481 9000

[sales@controlequipment.com.au](mailto:sales@controlequipment.com.au)

#### WA:

Unit 5 / 30 Enterprise Crescent  
Malaga WA 6090  
Phone: 1800 174 536

[www.controlequipment.com.au](http://www.controlequipment.com.au)

#### Offices/Agents in:

Sydney  
Melbourne  
Adelaide

Hobart  
Auckland  
Wellington

