

GX-8000

Portable Four Gas Monitor for Shipping



- Real-time detection of max. 5 ranges combustibles in 100%Vol/ LEL, O2, H2S and CO
- Large simultaneous display with auto back lighting
- Strong sample drawing capability
- Loud alarm buzzer with 95dB
- 3 bright LED alarm windows
- ATEX Exia II CT4 approved
- Water and dust resistant IP67
- Lithium-Ion rechargeable battery
- Compact and light weight
- Ergonomic design with waist strap for hands free operation (optional)
- Data logging as standard

Applications

- Confined Space Entry
- Refineries, Petrochemical, Chemical Plants
- Oil Tanker, Gas Carrier, Bulk Carrier
- Chemical Tanker
- Wastewater Treatment
- Fire Services
- Telecommunication Services
- Power Plants
- Gas Plant, Gas Supplier Services
- Utilities
- Coating Field
- Fuel Cell Facilities

Overview

The GX-8000 sets the new industry standard for rugged, as a reliable portable four gas monitor for shipping. It's 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.



Scan
 For More
 Information

Brisbane Office:
 1/3 Deakin Street
 Brendale QLD 4500
 Ph: 07 3481 9000

Perth Office:
 5/30 Enterprise Crescent
 Malaga WA 6090
 Ph: 08 6184 7840

Representatives/Offices In
 Sydney Melbourne
 Hobart Adelaide
 Auckland Wellington

| Common Specifications | | | | | |
|-------------------------------------|--|-----------------------|--|--|---|
| Target gas | All Combustible gases (CH4, i-C4H10, H2 and others) | | Oxygen (O2) | Hydrogen Sulphide (H2S) | Carbon Monoxide (CO) |
| Detection principle | New Ceramic Catalytic | Thermal conductivity | Galvanic cell | Electro-chemical | Electro-chemical |
| Detection range (Increments) | 0 to 100% LEL (1%LEL) | 0 to 100% Vol (1Vol%) | 0 to 40.0% Vol (0.1%) | 0 to 100 ppm (0.5ppm) | 0 to 500 ppm (1ppm) |
| Gas alarm | 1st alarm: 5%LEL 2nd alarm: 10% LEL OVER: 100% LEL | N/A | Low alarm: 19.5% High alarm: 23.5% OVER: 40.0% | 1st alarm: 5.0ppm 2nd alarm: 30.0ppm TWA: 10.0ppm STEL: 15.0ppm OVER: 100.0ppm | 1st alarm: 25ppm 2nd alarm: 50ppm TWA: 25ppm STEL: 200 ppm OVER: 500ppm |
| Types of alarm | 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 95dB (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 and humidity | -20°C ~ to +50°C, below 95% RH, non-condensing | | | | |
| Dimension and weight | Approx 15cm x 8cm x 13cm (L x W x H), approx 1.1kg | | | | |
| Ingress proof rating | Equivalent to IP67 | | | | |
| Explosion proof | II 1G Ex ia II C T4 Ga | | | | |
| Approvals | IECEX, ATEX, TIIS MED, HK, CE Marking Complying to IEC60079-29-1 | | | | |
| Standard accessories | Neck Shoulder Strap Gas Sampling Hose (1m) Instruction Manual Gas Sampling Probe AC Powered Charger Lithium-ion battery unit | | | | |
| Additional features | 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 | | | | |

Accessories

Battery pack



Lithium-Ion battery pack or Alkaline battery pack

Demand flow regulator



Provides the exact amount of gas the instrument pump requires

Sampling hose



Takes in gas samples to test them remotely