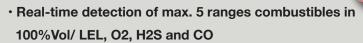


GX-8000 Portable Four Gas Monitor for Shipping



- · 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

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.



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



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GX-8000

Specifications

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:5.0ppm2nd alarm:30.0ppmTWA:10.0ppmSTEL:15.0ppmOVER:100.0ppm	TWA: 25ppm STEL: 200 ppm
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