

GX-6000

One to Six Gas Monitor

- Multi gas detection - 1 to 6 gases
- Smart sensor - PID, PH3 and CO2
- World smallest and lightest 6 gas monitor
- Interchangeable power source Li-Ion / Alkaline
- Wide operation temp -20°C to +50°C
- High water and dust proof level IP67
- Various approvals IECEx, ATEX
- Man down / Panic Alarm / LCD inversion / LED flashlight

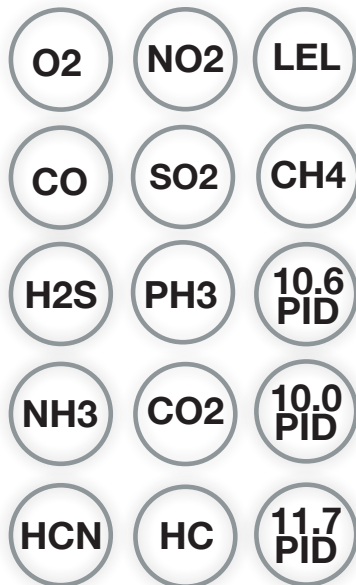
Overview

The GX-6000 is a game changer, because this powerful hand-held instrument is capable of simultaneously monitoring up to 6 gases. Including the standard 4 confined space gases which incorporates combustibles, O2, CO, & H2S, the GX-6000 has 2 additional smart channels that accept PID, IR or super toxic sensors.



Applications

- Personal monitoring
- Refineries/petrochemical
- Wastewater treatment
- Confined space
- Utilities
- Chemical plants
- Hazardous material
- Water
- Fire service



GX-6000

Specifications

Gases & Detectable Gases *No alarms in %Vol. range.					Common Specifications			
Gas	Measuring Range	Minimum Display	Alarm Set Points	Accuracy (which ever is greatest)	Alarm types	Gas alarm	Man-down	Trouble
Catalytic						Low and high adjustable	1st - self reset 2nd - latching	Low flow Sensor connection Low battery Circuit error Calibration range
Hydrocarbons (CH4, std)	0-100% LEL	1% LEL	A1: 5% LEL A2: 10% LEL	± 5% of reading or ± 2% LEL		Sample draw pump, flow rate 0.45 LPM 15 meter sample range		
Galvanic					display	Digital LCD, autobacklite, peak bar display, auto display rotation, and customize order of gases		
Oxygen (O2)	0-40% Vol.	0-1% Vol.	A1: 19.5 Vol. A2: 23.5 Vol.	± 0.5% O2				
Electrochemical					Audible alarm	95 dB at 30cm		
Carbon Monoxide (CO)	0-500 ppm	1 ppm	A1: 30 ppm A2: 60 ppm TWA: 30 ppm STEL: 60 ppm	± 5% of reading or ± 5 ppm	Continuous operation	14 hours on Lithium-Ion battery pack Complete recharge in 3 hours 8 hours Alkaline battery pack (3 AA size in each pack)		
Hydrogen Sulfide (H2S)	0-100 ppm	0.5 ppm	A1: 10 ppm A2: 15 ppm TWA:10 ppm STEL: 15 ppm	± 5% of reading or ±2 ppm	Operating temperatue and humidity	-20°C to +50°C 0- 95% RH non-condensing		
					Dimensions	70mm W x 201mm H x 54mm D 600g (with lithium battery pack)		
Toxics (EC Sensors)					Case material	Dust and water resistant with IP-67 approval (exclude sample hose and probe)		
Ammonia (NH3)	0 - 400 ppm	5 ppm	A1: 25 ppm A2: 50 ppm	± 10% of reading or ± 5 % of full scale	Safety design / approvals	Explosion proof: IECEx , ATEX , TIIS , Explosion class : Ex ia IIB T4/T3 Ga -20°C ≤ Ta ≤ +50°C Ex ia IIC T4/T3 Ga -20°C ≤ Ta ≤ +50°C Others: CE Marking		
Chlorine (Cl2)	0 - 10 ppm	0.1 ppm	A1: 0.5 ppm A2: 1.0 ppm		Standard features	2 Smart sensors slots auto recognize sensor changes Library of over 600 VOC's User defined VOC list. Up to 30 frequently used Recent VOC list for last 8 selected gases Pump and circuit status indicators User & station ID selection menu Data logging (interval, alarm trend, station and user ID) Snap logging - on demand data logging Demand zero / Auto zero BUMP and CAL expiration alarm Flashlight IrDA communication LEL sensor protection mode		
Hydrogen Cyanide (HCN)	0 - 15 ppm	0.1 ppm	A1: 5 ppm A2: 10 ppm					
Nitrogen Dioxide (NO2)	0 - 9 ppm	0.05 ppm	A1: 3 ppm A2: 6 ppm					
Sulfur Dioxide (SO2)	0 - 6 ppm		A1: 2 ppm A2: 5 ppm					
Phosphine (PH3)	0 - 5 ppm 0 - 20 ppm	0.1 ppm	A1: 0.3 ppm A2: 1 ppm					
IR Sensors								
Carbon Dioxide (CO2)	0 - 10,000 ppm 0.5% Vol.	25 ppm 0.02%	A1: 5,000 ppm TWA: 5,000 ppm STEL 10,000	± 5% of reading or ± 2% of full scale	Standard Accessories	• Taper nozzle • Hand strap • Rubber boot • LCD protect nozzle • Belt clip • Li-Ion battery unit (BUL-6000)		
Methane (CH4)	0-100% LEL 0-100% Vol.	Vol. 1% LEL / 0.5% Vol.	A1: 10% LEL		Optional Accessories	• Alkaline battery pack & charger • Filter set • IrDA cable		
Hydrocarbons (HC)	0-100% LEL 0-30% Vol.		A2: 50% LEL		Warranty	Two years material (including sensors) and workmanship. One year for PID sensor.		
PID Sensors					Accessories			
VOC	0 - 50,000 ppb	1 ppb:< 5000 ppb) 10 ppb:(> 5,000 ppb)	A1: 5,000 ppb	± 5% of full scale	Docking Station SDM-6000  Filters  			
			A2: 10,000 ppb					
	0 - 6,000 ppm	0.1 ppm:(< 600 ppm) 1 ppm:(> 600 ppm)	A1: 400 ppm					
			A2: 600 ppm					