



Portable HC/O₂ Sample Draw Gas Detector

RX-8000 Marine Gas Monitor

The RX-8000 sets the new industry standard for rugged, reliable portable gas detection. It's tough, water proof design utilized 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.

Features

- Real-time detection combustible gas, 100%vol./ 100%LEL & O₂
- Large simultaneous display with auto back lighting
- Strong sample drawing capability
- Loud alarm buzzer with 95dB
- 3 bright LED alarm indicators
- ATEX Exia II CT4/MED approved
- Water and dust resistant IP67
- Lithium-ion rechargeable battery
- Compact and lightweight
- Internal sample draw pump
- Ergonomic design with wrist strap for hands free operation
- Datalogging standard

Applications

- Oil Tanker
- Gas Carrier
- Product Tanker
- Refineries, Petrochemical, Chemical Plants
- Confined Space Entry
- Gas Plant, Gas Supplier Services
- Power Plant
- Chemical Tanker
- Wastewater Treatment / Water
- Utilities



Specifications			
Target Gas	Combustibles (i-CH410 or CH4 calibration)		Oxygen
Detection Principle	Non-Dispersive Infrared (IR)		Galvanic Cell
Detection Range (Increments)	0-100vol% (0.5vol%)	0-100%LEL (0.5%LEL)	0-40.0% (0.1%)
Accuracy	±5vol%	±5vol%	Range 0-25%: ±0.7 Range 26-40%: ±3.0
Response Time	T90 within 30 seconds		T90 within 20 seconds
Sampling Method	Sample Draw: Minimum 0.75L/min		
Gas Alarm	N/A	1st: 10%LEL 2nd: 50%LEL	1st: 19.5% 2nd: 23.5%
Display of Alarm	LED: LED's flash Buzzer: 95dB Visual Indication: Indication value flashes. Alarm message displays and flashes		
Display	Digital display and bar graph		
Power Source	Lithium-ion battery (3 hours for a full charge): Standard AA Alkaline battery (qty 3): Option		
Continuous Operation	Lithium-ion battery: 15 hours AA Alkaline battery: 10 hours		
Operating Temp & Humidity	-20 ~ +50C (-4 ~ +122F) below 95%Rh (non-condensing)		
Dimensions & Weight	6.1"W x 3.1"H x 5" D, 2.4lbs		
Ingress Proof Rating	IP67		
Explosion Proof	Ex ia IIC T4 Ga		
Approvals	IECEX, ATEX, MED, Complying to IEC60079-29-1, EN50104		
Additional Features	Indication to show energizing (pilot indicator and pump driving indicator), activating confirmation IrDA communication, data logger, password protection		