



# Sensor Technologies

## Standard 4 Gas

## Specialty Sensors

## Smart Toxic Sensors

Catalytic		
		
Gas	Range	Accuracy
Hydrocarbons (CH <sub>4</sub> , standard)	0 - 100% LEL	± 5% of reading or ± 2% of full scale (*)
	0 - 5% Vol. (CH <sub>4</sub> )	
	0 - 50,000 ppm (CH <sub>4</sub> )	± 50 ppm or ± 5% of reading (*)
Combustible level detection displayed in % LEL, PPM, or % volume. Methane is the standard configuration. Other combustible gases available.		

Galvanic		
		
Gas	Range	Accuracy
Oxygen (O <sub>2</sub> )	0 - 40% Vol. 0 - 100% Vol.	± 0.5% O <sub>2</sub>
A specific electrochemical sensor for oxygen monitoring.		






Standard Electrochemical		
		
Gas	Range	Accuracy
Carbon Monoxide (CO)	0 - 500 ppm	± 5% of reading ± 2 ppm (*)
Hydrogen Sulfide (H <sub>2</sub> S)	0 - 100 ppm	
Extra long-life CO and H <sub>2</sub> S sensors.		

Photo ionization Detection (PID)	
	
Gas	Range
Volatile Organic Compound (VOC)	0 - 50 ppm 0 - 2,000 ppm
Monitor low ppm VOC gases.	

Infrared		
		
Gas	Range	Accuracy
Carbon Dioxide (CO <sub>2</sub> )	0 - 10,000 ppm 0 - 5% Vol. 0 - 60% Vol.	± 5% of reading or ± 2% of full scale (*)
Methane (CH <sub>4</sub> )	0 - 100% LEL 0 - 100% Vol.	
Hydrocarbons	0 - 100% LEL 0 - 30% Vol.	
Monitor combustible gases in inert environments. Monitor wide range of CO <sub>2</sub> .		

Thermal Conductivity		
		
Gas	Range	Accuracy
Methane (CH <sub>4</sub> )	0 - 100% Vol.	± 5% of reading or ± 2% of full scale (*)
Hydrogen (H <sub>2</sub> )	0 - 10% Vol. 0 - 100% Vol.	
Monitor % volume methane or hydrogen.		

Smart Electrochemical		
		
Gas	Range	Accuracy
Ammonia (NH <sub>3</sub> )	0 - 75 ppm	± 10% of reading or ± 5% of full scale (*)
Arsine (AsH <sub>3</sub> )	0 - 1.5 ppm	
Chlorine (Cl <sub>2</sub> )	0 - 3 ppm	
Hydrogen Cyanide (HCN)	0 - 15 ppm	
Phosphine (PH <sub>3</sub> )	0 - 1 ppm	
Sulfur Dioxide (SO <sub>2</sub> )	0 - 6 ppm	
Monitor a wide variety of toxic gases. Smart plug and play sensors are auto recognized and can be remotely calibrated.		

Note: (\*) = Whichever is greater

# Soaring To New HEIGHTS

*The Legacy Continues*



Refineries



Fire & Hazmat



Landfills



Natural Gas



# EAGLE 2