


Sensor Technologies

Standard 4 Gas

Specialty Sensors

Smart Toxic Sensors


Catalytic



Gas	Range	Accuracy
Hydrocarbons (CH ₄ , standard)	0 - 100% LEL	± 5% of reading or ± 2% of full scale (*)
	0 - 5% Vol. (CH ₄)	
	0 - 50,000 ppm (CH ₄)	± 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 ₂)	0 - 40% Vol. 0 - 100% Vol.	± 0.5% O ₂

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 ₂ S)	0 - 100 ppm	

Extra long-life CO and H₂S 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 ₂)	0 - 10,000 ppm 0 - 5% Vol. 0 - 60% Vol.	± 5% of reading or ± 2% of full scale (*)
Methane (CH ₄)	0 - 100% LEL 0 - 100% Vol.	
Hydrocarbons	0 - 100% LEL 0 - 30% Vol.	

Monitor combustible gases in inert environments. Monitor wide range of CO₂.


Thermal Conductivity



Gas	Range	Accuracy
Methane (CH ₄)	0 - 100% Vol.	± 5% of reading or ± 2% of full scale (*)
Hydrogen (H ₂)	0 - 10% Vol. 0 - 100% Vol.	

Monitor % volume methane or hydrogen.

Smart Electrochemical



Gas	Range	Accuracy
Ammonia (NH ₃)	0 - 75 ppm	± 10% of reading or ± 5% of full scale (*)
Arsine (AsH ₃)	0 - 1.5 ppm	
Chlorine (Cl ₂)	0 - 3 ppm	
Hydrogen Cyanide (HCN)	0 - 15 ppm	
Phosphine (PH ₃)	0 - 1 ppm	
Sulfur Dioxide (SO ₂)	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