Sensor Technologies

Standard 4 Gas

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_2S)	0 - 100 ppm	

Extra long-life CO and H_2S sensors.

Specialty 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 CO_2.

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 Toxic Sensors

Smart Electrochemical

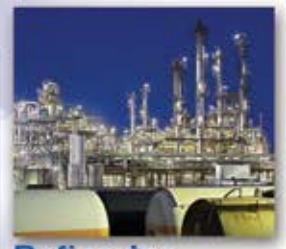
Gas	Range	Accuracy
Ammonia (NH_3)	0 - 75 ppm	± 10% of reading or ± 5% of full scale (*)
Arsine (AsH_3)	0 - 1.5 ppm	
Chlorine (Cl_2)	0 - 3 ppm	
Hydrogen Cyanide (HCN)	0 - 15 ppm	
Phosphine (PH_3)	0 - 1 ppm	
Sulfur Dioxide (SO_2)	0 - 6 ppm	

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

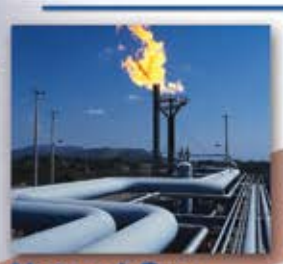
The Legacy Continues



Refineries

Fire & Hazmat

Landfills



Natural Gas

RKI INSTRUMENTS

EAGLE 2