

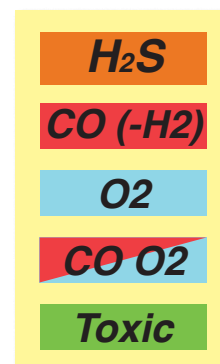


### Features

- Continuously operate for over one year (H2S & CO)
- Toxic gases include: NH3, Cl2, HCN, NO2, PH3 & SO2
- CO with H2 elimination
- CO & O2 Dual Sensor
- Field serviceable
- Pocket size 2.1”(W) x 2.6”(H) x 0.9”(D), 2.8 ounces
- Impact, dust, and water resistant (IP-67)
- Replaceable rubber boot
- Alligator clip with 360° rotation
- Audible / visual / vibration alarms
- Automatic backlight
- Intrinsically safe, ATEX and C / US approvals
- 3 Year warranty\*

### Applications

- Hazardous material
- Mining
- Refineries / petrochemical
- Water / wastewater treatment
- Pharmaceuticals
- Utilities
- Chemical plants
- Fire services
- Steel Mills



The 04 Series single gas monitor is designed to operate for many years with field replaceable sensors and filters. The 04 Series can be operated continuously for up to 9,000 hours on (2) AAA size alkaline batteries (depending on model). The 04 Series has 3 preset alarms that are user adjustable. Each version is also equipped with visual, audible, and vibration alarms as standard.

The replacement sensors are inexpensive, easily field replaceable, and are interchangeable with other popular RKI instruments like the GX-3R, GX-3R Pro, and GasWatch 3. Sensors have a life expectancy of over 3 years and are backed by a 3 year warranty.\*

Each 04 Series monitor is impact, dust, and water resistant with an IP-67 ingress protection rating. 04 Series instruments are safe for use in hazardous locations, classified as intrinsically safe ATEX/IECEX and by QPS to U.S. and Canadian standards for Class I, Division 1, Groups A, B, C, and D atmospheres. For additional information please visit our web site at [www.rkiinstruments.com](http://www.rkiinstruments.com).

\* 3 year warranty on material and workmanship including sensors  
(1 year warranty for Ammonia and Chlorine sensors)



# 04 Series

Gases & Detectable Ranges						Common Specifications						
Gas	Part # (Model)	Detection Range (Increments)	Accuracy Statement	Alarm Set Points	Continuous Operation	Sample Method	Diffusion					
Hydrogen Sulfide (H <sub>2</sub> S)	73-0063 HS-04	0 - 200.0 ppm (0.1 ppm)	± 5% of reading or ± 2 ppm H <sub>2</sub> S	A1: 5 ppm	9,000 hours	Response Time	T90 in 30 seconds					
				A2: 30.0 ppm								
				A3: 100.0 ppm			Alarm Types	Gas alarm	Trouble alarm			
				TWA 1.0 ppm				1st, 2nd, and 3rd (user adjustable), OVER alarm, STEL, and TWA	Sensor connection, low battery, circuit failure, and calibration range error			
				STEL 5.0 ppm								
Carbon Monoxide (CO)	73-0065 CO-04	0 - 2000 ppm (1 ppm)	± 5% of reading or ± 5 ppm CO	A1: 25 ppm	9,000 hours	Alarm Methods	Gas Alarm	Trouble Alarm	STEL / TWA			
CO (-H <sub>2</sub> )	73-0067 CO-04C			± 5% of reading or ± 2 ppm CO			A2: 50 ppm	6,200 hours	Flashing LED's, intermittent buzzer, flashing gas value, and vibration	Flashing LED's, intermittent buzzer, and display of error message	Flashing LED's, intermittent buzzer, flashing gas value, and vibration	
		A3: 1200 ppm										
Oxygen (O <sub>2</sub> )	72-0018 OX-04	0 - 40% Vol. (0.1%)	± 0.5% O <sub>2</sub>	TWA 25 ppm	3,000 hours	Datalogging	10 sec. intervals = 10 hrs. 5 min. intervals = 300hrs, 10 min. intervals = 600 hours					
				STEL 200 ppm			Instrument records alarms, alarm trends, gas readings, calibration & bump test history, instrument settings					
Dual Sensor CO / O <sub>2</sub>	73-0069 CX-04	CO 0 - 2000 ppm (1 ppm)	± 5% of reading or ± 2 ppm H <sub>2</sub> S	A1: 25 ppm	4,600 hours	Battery Options	Alkaline dry cell (2-AAA size)					
		O <sub>2</sub> 0 - 40% Vol. (0.1%)	± 0.5% O <sub>2</sub>	A2: 50 ppm			Display	Digital LCD, gas name & concentration, auto backlighting during alarm, operation icon, battery icon				
Ammonia (NH <sub>3</sub> )	73-0077 SC-04	0 - 400.0 ppm (0.5 ppm)	± 10% of reading or ± 5 % of full scale	A3: 1200 ppm	3,000 hours	Operating Temp. & Humidity		-4°F to 122°F (-20°C ~ +50°C), 0- 90% RH non condensing				
				TWA 25 ppm			Dimensions	2.1" W x 2.64" H x 0.94" D (54 x 67 x 24 mm) 2.8 ounce (80g)				
				STEL 35.0 ppm				Enclosure	Dust and water resistant with IP-67 rating			
				A1: 1.00 ppm					Safety Rating	ATEX/IECEx approved. QPS classified, "C / US", as intrinsically safe, Class I, Division 1, Groups A, B, C, D		
				A2: 2.00 ppm						Standard Accessories	• Rubber boot	• Datalogging software
A3: 10.00 ppm	• Alligator clip	• Alkaline batteries										
TWA 0.50 ppm	Optional Accessories	• Calibration cap										
STEL 1.00 ppm		• Wrist strap										
A1: 5.0 ppm		• Calibration kit										
A2: 10.0 ppm		• Belt clip										
Chlorine (Cl <sub>2</sub> )	73-0075 SC-04	0 - 20.00 ppm (0.05 ppm)	± 10% of reading or ± 5 % of full scale	A3: 30.0 ppm	3,000 hours	Special Functions	Manual backlight for LCD (automatically lit during alarm), Peak hold, STEL & TWA					
				TWA 4.7 ppm			Warranty	3 year warranty (1 year for Ammonia and Chlorine)				
				STEL 10.0 ppm				Specifications subject to change without notice.				
				A1: 2.0 ppm								
				A2: 4.0 ppm								
A3: 20.00 ppm												
Hydrogen Cyanide (HCN)	73-0071 SC-04	0 - 30.0 ppm (0.1 ppm)	± 10% of reading or ± 5 % of full scale	TWA 0.50 ppm	3,000 hours	Warranty	3 year warranty (1 year for Ammonia and Chlorine)					
				STEL 1.00 ppm								
				A1: 0.30 ppm								
				A2: 0.60 ppm								
				A3: 1.00 ppm								
Nitrogen Dioxide (NO <sub>2</sub> )	73-0073 SC-04	0 - 20.00 ppm (0.05 ppm)	± 10% of reading or ± 5 % of full scale	TWA 0.30 ppm	3,000 hours	Warranty	3 year warranty (1 year for Ammonia and Chlorine)					
				STEL 1.00 ppm								
				A1: 0.30 ppm								
				A2: 0.60 ppm								
				A3: 1.00 ppm								
Phosphine (PH <sub>3</sub> )	73-0079 SC-04	0 - 20.00 ppm (0.01 ppm)	± 10% of reading or ± 5 % of full scale	TWA 0.30 ppm	3,000 hours	Warranty	3 year warranty (1 year for Ammonia and Chlorine)					
				STEL 1.00 ppm								
				A1: 0.30 ppm								
				A2: 0.60 ppm								
				A3: 1.00 ppm								
Sulfur Dioxide (SO <sub>2</sub> )	73-0081 SC-04	0 - 100.00 ppm (0.05 ppm)	± 10% of reading or ± 5 % of full scale	TWA 2.00 ppm	3,000 hours	Warranty	3 year warranty (1 year for Ammonia and Chlorine)					
				STEL 5.00 ppm								
				A1: 2.00 ppm								
				A2: 5.00 ppm								
				A3: 100.0 ppm								

