



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.

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



04 Series

Gases & Detectable Ranges				
Gas	Part # (Model)	Detection Range (Increments)	Alarm Set Points	Continuous Operation
Hydrogen Sulfide (H ₂ S)	73-0063 HS-04	0 - 100.0 ppm (0.1 ppm)	A1: 5 ppm	9,000 hours
			A2: 30.0 ppm	
			A3: 100.0 ppm	
			TWA 1.0 ppm	
			STEL 5.0 ppm	
Carbon Monoxide (CO)	73-0065 CO-04	0 - 2000 ppm (1 ppm)	A1: 25 ppm	9,000 hours
			A2: 50 ppm	
			A3: 1200 ppm	
CO (-H ₂)	73-0067 CO-04C		TWA 25 ppm	6,200 hours
			STEL 200 ppm	
Oxygen (O ₂)	72-0018 OX-04	0 - 40% Vol. (0.1%)	A1: 19.5 Vol.	3,000 hours
			A2: 18.0 Vol.	
			A3: 23.5 Vol.	
Dual Sensor CO / O ₂	73-0069 CX-04	CO 0 - 2000 ppm (1 ppm)	A1: 25 ppm	4,600 hours
			A2: 50 ppm	
			A3: 1200 ppm	
			TWA 25 ppm	
			STEL 200 ppm	
		O ₂ 0 - 40% Vol. (0.1%)	A1: 19.5 Vol.	
			A2: 18.0 Vol.	
			A3: 23.5 Vol.	
Ammonia (NH ₃)	73-0077 SC-04	0 - 400.0 ppm (0.5 ppm)	A1: 25.0 ppm	3,000 hours
			A2: 35.0 ppm	
			A3: 300.0 ppm	
			TWA 25.0 ppm	
			STEL 35.0 ppm	
Chlorine (Cl ₂)	73-0075 SC-04	0 - 20.00 ppm (0.05 ppm)	A1: 1.00 ppm	3,000 hours
			A2: 2.00 ppm	
			A3: 10.00 ppm	
			TWA 0.50 ppm	
			STEL 1.00 ppm	
Hydrogen Cyanide (HCN)	73-0071 SC-04	0 - 30.0 ppm (0.1 ppm)	A1: 5.0 ppm	3,000 hours
			A2: 10.0 ppm	
			A3: 30.0 ppm	
			TWA 4.7 ppm	
			STEL 10.0 ppm	
Nitrogen Dioxide (NO ₂)	73-0073 SC-04	0 - 20.00 ppm (0.05 ppm)	A1: 2.0 ppm	3,000 hours
			A2: 4.0 ppm	
			A3: 20.00 ppm	
			TWA 0.50 ppm	
			STEL 1.00 ppm	
Phosphine (PH ₃)	73-0079 SC-04	0 - 20.00 ppm (0.01 ppm)	A1: 0.30 ppm	3,000 hours
			A2: 0.60 ppm	
			A3: 1.00 ppm	
			TWA 0.30 ppm	
			STEL 1.00 ppm	
Sulfur Dioxide (SO ₂)	73-0081 SC-04	0 - 100.00 ppm (0.05 ppm)	A1: 2.00 ppm	3,000 hours
			A2: 5.00 ppm	
			A3: 100.0 ppm	
			TWA 2.00 ppm	
			STEL 5.00 ppm	

Common Specifications			
Sample Method	Diffusion		
Response Time	T90 in 30 seconds		
Alarm Types	Gas alarm		Trouble alarm
	1st, 2nd, and 3rd (user adjustable), OVER alarm, STEL, and TWA		Sensor connection, low battery, circuit failure, and calibration range error
Alarm Methods	Gas Alarm	Trouble Alarm	STEL / TWA
	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
Datalogging	10 sec. intervals = 10 hrs. 5 min. intervals = 300hrs, 10 min. intervals = 600 hours		
	Instrument records alarms, alarm trends, gas readings, calibration & bump test history, instrument settings		
Battery Options	Alkaline dry cell (2-AAA size)		
Display	Digital LCD, gas name & concentration, auto backlighting during alarm, operation icon, battery icon		
Operating Temp. & Humidity	-4°F to 122°F (-20°C ~ +50°C), 0- 90% RH non condensing		
Dimensions	2.1" W x 2.64" H x 0.94" D (54 x 67 x 24 mm) 2.8 ounce (80g)		
Enclosure	Dust and water resistant with IP-67 rating		
Safety Rating	ATEX/IECEx approved. QPS classified, "C / US", as intrinsically safe, Class I, Division 1, Groups A, B, C, D		
Standard Accessories	• Rubber boot • Alligator clip	• Datalogging software • Alkaline batteries	
Optional Accessories	• Calibration cap • Wrist strap • Calibration kit • Belt clip • Datalogging download cable		
Special Functions	Manual backlight for LCD (automatically lit during alarm), Peak hold, STEL & TWA		
Warranty	3 year warranty (1 year for Ammonia and Chlorine)		

Specifications subject to change without notice.

