SINGLE GAS CLIP-ON PERSONAL MONITOR

Gas Detection For Life — **04 Series**



Features

- Personal monitoring for HCN, NO2, PH3, and SO2
- CO with H2 elimination
- O2 / CO combo sensor
- Operates 3,000 hours on alkaline
- Pocket size 2.1”(W) x 2.6”(H) x 0.9”(D)
- Light weight 2.8 ounces
- Impact, dust, and water resistant (IP-67)
- Replaceable rubber boot
- Data log 5 to 300 hours with adjustable intervals
- Audible / visual / vibration alarms
- Automatic backlight
- Low battery alarm
- 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

Toxic

CO (-H2)

CO O2

The 04 Series toxic single gas monitor is designed to operate for many years with field replaceable sensors and filters. The HCN, NO2, PH3, and SO2 versions can be operated continuously for at least 3,000 hours on (2) AAA size alkaline batteries. The 04 models have 2 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 backed by a 3 year warranty.

Each 04 Series monitor is impact, dust, and water resistant with an IP-67 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.

Simlu Holdings
Nexus House, Zimbali Lodge Drive,
Port Zimbali, Dolphin Coast, 4399
Tel: 087 711 2315 | info@simlu.africa
www.simlu.africa

04 Series

Model Name	CO-04 (-H2)	SC-04 HCN	SC-04 NO2	SC-04 PH3	SC-04 SO2
Gas Detected	Carbon Monoxide (CO)	Hydrogen Cyanide (HCN)	Nitrogen Dioxide (NO2)	Phosphine (PH3)	Sulfer Dioxide (SO2)
Detection Principle	Electrochemical				
Part#	73-0067	73-0071	73-0073	73-0079	73-0083
Detection Range (Increments)	0 – 2000 ppm (1 ppm)	0 ~ 30.0 ppm (0.1 ppm)	0 ~ 20.00 ppm (0.05 ppm)	0 ~ 20.00 ppm (0.01 ppm)	0 ~ 100.0 ppm (0.05 ppm)
Alarm Set Points	1st 25 ppm 2nd 50 ppm TWA 25 ppm STEL 200 ppm Over 500 ppm	1st 5.0 ppm 2nd 10.00 ppm 3rd 30.00 ppm TWA 4.7 ppm STEL 4.7 ppm	1st 2.0 ppm 2nd 4.00 ppm 3rd 20.00 ppm TWA 0.20 ppm STEL 2.0 ppm	1st 2.0 ppm 2nd 4.00 ppm 3rd 20.00 ppm TWA 0.20 ppm STEL 2.0 ppm	1st 2.0 ppm 2nd 5.00 ppm 3rd 100 ppm TWA 0.25 ppm STEL 0.25 ppm
Alarm Types	Gas alarms: 1st and 2nd (user adjustable), OVER alarm, STEL and TWA Trouble alarms: Sensor connection, low battery circuit failure, and calibration range error				
Alarm Methods	Gas alarm: Flashing LED's, intermittent buzzer, flashing gas value, and vibration Trouble alarm: Flashing LED's, intermittent buzzer, and display of error message STEL & TWA alarms: Flashing LED's, intermittent buzzer, flashing gas value, and vibration				
Gas Sampling	Diffusion				
Response Time	T90 in 30 seconds		T90 in 30 seconds		
Accuracy (which ever is greater)	± 5% of reading or ± 5 ppm (CO)	± 10% of reading or ± 5 % of full scale	± 10% of reading or ± 5 % of full scale	± 10% of reading or ± 5 % of full scale	± 10% of reading or ± 5 % of full scale
Data Logging	10 second intervals = 5 hours, 5 minute intervals = 150 hours, 10 minute intervals = 300 hours				
	Instrument records alarms, alarm trends, gas readings, calibration & bump test history, instrument information and settings.				
Battery Options	Alkaline dry cell (2-AAA size)				
Continuous Operation	9,000 hours	3,000 hours (at 25°C, no backlight)			
Safety Rating	ATEX/IECEx approved. QPS classified, "C / US", as intrinsically safe, Class I, Division 1, Groups A, B, C, D				
Enclosure	Dust and water resistant with IP-67 rating				
Dimensions & Weight	2.1" W x 2.64" H x 0.94" D, (54 x 67 x 24 mm); 2.8 ounces (80 g)				
Display	Digital LCD, gas name & concentration, auto backlighting during alarm, operation icon, battery icon				
Operating Temp. & Humidity	-4°F ~ 122°F (-20°C ~ 50°C); Humidity below 90% RH (non-condensing)				
Standard Accessories	• Rubber protective boot • Alkaline batteries	• Alligator clip • Wrist strap	• Data logging software		
Optional Accessories	• Calibration cap • Calibration kit	• Charger unit • Belt clip	• Wrist strap • Data logging download cable		
Special Functions	• Manual backlight for LCD (automatically lit during alarm) • Peak hold, STEL & TWA				
Warranty	3 Year warranty*				

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