

GX-2003

5-in-1 Gas Monitor



Features

- Detection of O₂, H₂S, CO and combustible gases
- All 4 gases are displayed simultaneously
- Autoranging display of %LEL and vol.%
- Compact and light with built-in pump
- Visual, audible and vibration alarm standard
- Software for evaluation and calibration
- Password protection
- 2 years warranty for device and sensors

Description

The GX-2003 is our smallest four gas monitor with an internal sample drawing pump. It is compact, light (310g) and has a large and clearly arranged LCD-Display, which shows all gas concentrations simultaneously. The vibration alarm, the audible and the visual alarm functions immediately alert the user in a dangerous gas area. The instrument also has an autoranging function for combustible gases. Depending on the concentration, the instrument displays the measuring values for combustible gases either in % LEL or in % Vol.. The GX-2003 includes a data logging function, that stores up to 600 hours of measuring data, which can be read out with an IR-port from PC. The GX-2003 uses three standard alkaline batteries (AAA) or an NiCd battery pack. Additionally the GX-2003 determines PEAK, TWA and STEL*) values and shows the time and date.

Model: 5-in-1 Gas Monitor GX-2003



Specifications

Model	GX-2003				
Measuring gas	Methan CH ₄ (vol.%)	Hydrocarbons HC	Oxygen O ₂	Carbon Monoxide CO	Hydrogen Sulfide H ₂ S
Measuring range	0-100 vol.%	0-100 %LEL	0-40 vol%	0-500 ppm	0-100 ppm
Detection principle	Thermal conductivity	Catalytic combustion	Galvanic cell	Electro-chemical cell	Electro-chemical cell
Sampling method	Sampling with built-in pump				
Display	Digital LCD-Display, automatical backlight at alarm				
Alarm indication	LED's, intermittent buzzer (double tone), blinking display, vibration and error message				
Alarm set points	-	(1) Alarm ≥ 10% LEL (2) Alarm ≥ 50% LEL Over range ≥ 100% LEL	(1) Alarm ≤ 19,5 vol.% (2) Alarm ≥ 23,5 vol.% Over range ≥ 40 vol.%	(1) Alarm ≥ 25 ppm (2) Alarm ≥ 50 ppm TWA ≥ 30 ppm STEL ≥ 60 ppm Over range ≥ 100 ppm	(1) Alarm ≥ 10 ppm (2) Alarm ≥ 30 ppm TWA ≥ 10 ppm STEL ≥ 15 ppm Over range ≥ 100 ppm
Alarm types	<ul style="list-style-type: none"> - Gas alarm: 2-step-alarm, STEL, TWA - Trouble alarm: sensor connection, low battery - Calibration over range alarm 				
Features	<ul style="list-style-type: none"> - Manual backlight - Autoranging display for combustible gases - Lunch break mode for average evaluations - STEL, TWA and Peak hold - Password protection - Up to 600 hours of data logging - Alarm trend, display of time, auto-calibration - Water resistant, direct charging 				
Operating temperature and humidity	-20° to +50° C, max. 97% RH (non-condensing)				
Response time	30s (T ₉₀)				
Operating time	Approx. 10 (NiCd) to 14 (Alkaline) hours without alarm and backlight				
Power source	Alkaline batteries (AAA) or Ni-Cd battery pack				
Charging time	Approx. 1,5 hours				
Certifications	ATEX-certification for preparation CSA (Canada und USA)				
Dimensions and weight	Approx. 171 x 65 x 39 mm, 310g				
Accessories	Standard: strap, sample probe, operating manual Optional: Charger, Ni-Cd battery pack, data-logging software, calibration station, protection bag				

Specifications subject to change without notice.



RKI Analytical Instruments
The Analyser People

RKI Analytical Instruments GmbH
Feldbergstrasse 57, D-61440 Oberursel
Phone: +49 (0)6171-6989-0
Fax: +49 (0)6171-6989-30
Web: www.rki-analytical.de
e-Mail: info@rki-analytical.de

Distributed by: