



RKI Analytical
Instruments
The Analyser People

GX-2001

Four Gas Monitor



Features

- Detection of O₂, H₂S, CO and HC
- Smallest four gas monitor in the world: approx. 170g
- Visual, audible and vibration alarm standard
- User adjustable preset alarms
- Wide range of optional accessories
- PC-software for data logging and gas calibration
- ATEX-certification

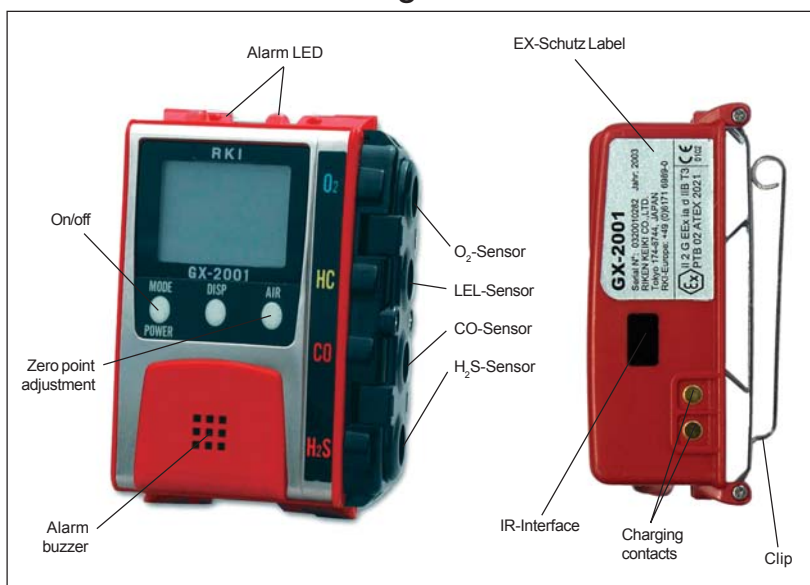


RIKEN KEIKI
For a Safer World

Description


The GX-2001 is one of the smallest four gas monitors in the world. Our knowledge and competence of the last 60 years were used to develop this unique instrument. The built-in vibrator, the audible and visual alarms immediately alert the user in a dangerous gas area. Of course the GX-2001 includes a data logging station (optional), which can be easily read out from each PC. The rechargeable battery allows continuous operation up to 10 hours. After that it takes just 90 min. to recharge it completely. Equipped with a belt clip, wrist strap or neck strap, it can easily be worn by the user. The digital display shows the current gas concentration, date, time and additionally the PEAK, TWA and STEL*) values.

Model: GX-2001 - four gas monitor



- *) PEAK = Peak Value
TWA = Time Weighted Average of the last 8 hours
STEL = Short Term Exposure Limit, average of the last 15 minutes
**) Lower explosion limit

Specifications

Model	GX-2001			
Measuring gas	HC (CH ₄) Hydrocarbons	O ₂ Oxygen	CO Carbon Monoxide	H ₂ S Hydrogen Sulfide
Measuring range	0-100 % LEL**)	0-40 Vol%	0-500 ppm	0-100 ppm
Resolution	1 % LEL	0,1 Vol%	1 ppm	0,5 ppm
Detection principle	Catalytic combustion	Galvanic cell	Electro-chemical cell	Electro-chemical cell
Sampling method	Diffusion, hand aspirator or pump optional			
Display	- Digital LCD, auto backlight at alarm - Display automatically cycles every 3 seconds and indicates each gas, - Immediate reading of alarm condition.			
Alarm indication	LED, intermittent buzzer, 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 Alarm ≥ 25 ppm STEL Alarm ≥ 50 ppm Over range ≥ 500 ppm	(1) Alarm ≥ 10,0 ppm (2) Alarm ≥ 30,0 ppm TWA Alarm ≥ 10,0 ppm STEL Alarm ≥ 15,0 ppm Over range ≥ 100 ppm
Alarm types	- Gas alarm: 2-step-alarm, STEL, TWA - Trouble-alarm: sensor connection, low battery, circuit error - Calibration over range alarm			
Features	- Manual back light LCD - STEL, TWA and Peak hold - Data logging (40 hours) - Alarm trend, display of time, - Autocalibration, direct charging			
Operating temperature and humidity	-10°C to +40°C, max. 85% RH, non-condensing			
Response time	< 30 s (T ₉₀)			
Operating time	Approx. 10 hours (without alarm and backlight)			
Power Source	Direct charging Ni-Cd battery pack			
Charging time	Approx. 1,5 hours			
Certifications	Ex-certification  II 2 G EEx ia IIB T3, PTB 02 ATEX 2021, CSA, CE			
Dimensions and weight	72 x 56 x 27 mm, approx. 170 g			
Accessories	Battery charger, PC-Software, arm strap, hand aspirator, pump, calibration station			

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: