



# Technical Datasheet

## RPB® GX4™ Gas Monitor

### DESCRIPTION

The RPB GX4 Monitor continuously tests the quality of supplied breathing air for a range of contaminants including Carbon Monoxide (CO)\*, alerting the operator wearing the respirator immediately if contamination is detected.

The unit has built in alarms, wifi, and data logging capabilities that keeps up to 2 years of breathing air data.

The unit does not filter or remove gases.

Visit [rpbsafety.com/gx4-gas-monitor](http://rpbsafety.com/gx4-gas-monitor) for more information.

#### Type description

Supplied/compressed breathing air monitor, alarm and recording monitor.

Package numbers	Part #
NIOSH GX4 Gas Monitor, US plug - no sensors	08-400
GX4 Gas Monitor, 12V battery clips - no sensors	08-401
CE GX4 Gas Monitor, global plugs - no sensors	08-400-G

Additional configurations are available.

#### Features

- Simple on-site calibration check.
- Self updating calibration certificate.
- 2 year data logging.
- WiFi connectivity.
- Easily portable.
- Auxiliary plug in audible and visual alarms.
- Can be wall mounted or mounted to Radex® Airline Filter, or custom heavy duty carry case.
- Auxiliary output for custom warnings.

**Application ranges** (including but not limited to the following).

Any application which uses a supplied air respirator e.g. abrasive blasting, automotive painting.



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Sensors	Part #
Carbon Monoxide (CO) 10ppm	08-420-01
Carbon Monoxide (CO) 5ppm	08-420-02
Hydrogen Sulfide (H2S) 10ppm	08-420-03
Oxygen (O2) 19.5% - 23%	08-420-04

### SPECIFICATIONS

#### Power supply

- 12 Volts DC.
- Powered by 110/240v AC adapter or 12v cable with battery clips.
- Back up Lithium Polymer battery.

#### Air supply pressure

- 7-80psi (50-550kPa).
- The 08-470 External Flow Regulator is included.

#### Operating temperature

32°F to 113°F / 0°C to 45°C

#### Storage temperature

14°F to 113°F / -10°C to 45°C <90%RH

#### Weight

4.74lbs / 2.15kg

Protecting you for life's best moments.





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## RPB® GX4™ Gas Monitor (continued)

### SPECIFICATIONS

#### Materials

Nylon	Mounting brackets
Polypropylene	Main housing, sensor housings
Polyester	Touchpad
Polycarbonate	Manifold tube
Nickel Plated Steel	Push-lock fitting

#### Warranty

1 year. Conditions apply, visit [rpbsafety.com/legal](http://rpbsafety.com/legal) for full details.

### CALIBRATION

- New sensors arrive calibrated with an easily accessible calibration certificate.
- Sensors have a lifespan of up to two years from date of manufacture.\*
- Sensors require a calibration/bump check periodically to ensure they are still recording accurately - this can be done on site within 2 minutes - the calibration certificate will automatically update on the unit afterwards.
- When sensor expiration date is up, a new sensor can be plugged straight into the GX4 unit, and it will automatically recognize the new sensor.
- More information on how to complete a calibration check can be viewed at:

[www.youtube.com/watch?v=aoC9iE9RY7Y](http://www.youtube.com/watch?v=aoC9iE9RY7Y)

\*This is not applicable if sensors are fowled or contaminated while in use, e.g. if oils is present in airlines.

### UPDATING GX4 SOFTWARE

- Periodic updates of GX4 software may be required. This can be completed via: [rpbsafety.com/rpb-gx4-firmware-upgrade/](http://rpbsafety.com/rpb-gx4-firmware-upgrade/)



#### Employers

Read the GX4 instruction manual and carry out the employer responsibilities.

Provide the manuals to all users.

#### Product users

Read the GX4 instruction manual and follow the product user safety instructions.

Manuals are regularly updated.

#### Current version of manual and for other languages:

[rpbsafety.com/resources](http://rpbsafety.com/resources)

#### Contact

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