

# GX-3R 4 Gas Detector - LEL, O<sub>2</sub>, H<sub>2</sub>S & CO

## Product Images



## Short Description

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The 34-GX-3R is the world's smallest 4-gas monitor, weighing only 110 grams and can be comfortably clipped in the worker's breathing zone (55mm W x 64mm H x 26mm D). It monitors and displays LEL, O<sub>2</sub>, CO, and H<sub>2</sub>S levels. [Aluminium case](#) sold separately.

## Description

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The world's smallest 4 gas monitor weighing only 110 grams, this gas detector can comfortably be clipped within a worker's breathing zone - a ten inch radius around the worker's nose and mouth. It simultaneously monitors and displays LEL combustibles, O<sub>2</sub>, CO (Hydrogen compensated CO also available), and H<sub>2</sub>S.

Using a new generation of micro sensors, the LEL sensor has a unique design with two active filaments in one sensor to increase its resistance to silicone poisoning. If one filament gets poisoned the second filament takes over. The new O<sub>2</sub> sensor is electrochemical with a 5 year life span. H<sub>2</sub>S and CO are now available in a combo micro sensor.

Safety supervisors will appreciate the non-compliance indicator. The instrument flashes 3 LED lights every 30 seconds, if the instrument has been exposed to any gas or has not been bump tested or calibration is due. The 3 LED lights will continue flash once every 30 seconds until the non-compliance condition has been resolved.

OSHA defines the breathing zone as a ten inch radius around the worker's nose and mouth, and requires that worker exposure monitoring air samples be collected in the breathing zone. Air sampling filters may be attached to the collar or lapel. Traditionally this means only a single gas monitor would be small enough for a worker to practically wear a gas monitor 'In the breathing zone'. Now there is a 4 gas monitor smaller than many single gas monitors.

### Applications:

- Confined spaces
- Hazardous material
- Refineries/ chemical plants
- Personal monitoring
- Utilities
- Water/wastewater plants
- Fire services
- Pharmaceuticals
- Oil & Gas
- Construction

### Features:

- Simultaneous detection of 4 gases LEL, O<sub>2</sub>, H<sub>2</sub>S & CO
- Smallest / Lightest 4 gas monitor on the market (55mm H x 64mm W x 26mm D), approx 110 grams
- Dual audible alarm ports (95 db @ 30 cm)
- 3 visual alarm LED's
- Vibration alarm
- IP68 Waterproof / dustproof design
- Non-compliance indicator

- Data logging includes 8 alarm trends, Log time range of 10 to 300 hours, 100 calibration records
- 25 hours of operation (Lithium-ion batteries)
- Large LCD display screen
- Automatic backlighting at alarm
- Impact resistant body
- STEL and TWA readouts
- Intrinsically safe, IECEx, ATEX
- Operating Temp & Humidity -40°C to +60°C, 0 to 95% RH, non-condensing (splash resistant)
- 30 second response time
- Two button control - power / mode, air
- Datalogging Logs user ID, station ID, Calibration & Bump Test history, Alarm Events & Alarm Trends
- Standard Accessories Alligator clip & Charger

## Additional Information

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CODE	34-GX-3R
U.O.M	Each
Weight	0.1
Finish	IP68 Explosion proof casing
Height	55 mm

