

9025-XPS

Fully Portable Compressed Air Monitoring System



- 25 CFM CO and O₂ monitor
- Low pressure alarm
- Rugged design
- Loud audible and bright visual alarms
- Adjustable alarm settings
- 24 hour run-time (no alarms)
- Three stage filtration with Autodrain
- DC operation with rechargeable battery
- Two hour charge time
- Dependable long life electrochemical sensors

Technology for people and the environment



9025-XPS

The 9025-XPS is the unit of choice where specific and accurate measurement of carbon monoxide and oxygen levels are required. Designed to meet OSHA requirements for monitoring of Grade D respirable air, this unit is equipped with reliable electrochemical sensors that accurately indicate the level of carbon monoxide and O₂ on a liquid crystal display.

Calibration and maintenance are made simple with our innovative AutoCal® system. Additional features including user adjustable alarm point, pressure loss alarm indicator and many more make this unit an intelligent choice.

Respiratory air specifications

All GfG Instrumentation RAM instruments satisfy the requirements of OSHA rule 29 CFR 1910.134 (d) (2) (ii) for carbon monoxide monitoring. They will also monitor Grade E air, generally specified for breathing air in cylinders (SCBA).

OSHA Regulations (Standard - 29 CFR) Respiratory Protection - 1910.134

(i) (6)

For compressors that are not oil-lubricated, the employer shall ensure that carbon monoxide levels in the breathing air do not exceed 10 ppm.

(i) (7)

For oil-lubricated compressors, the employer shall use a high-temperature or carbon monoxide alarm, or both, to monitor carbon monoxide levels. If only high-temperature alarms are used, the air supply shall be monitored at intervals sufficient to prevent carbon monoxide in the breathing air from exceeding 10 ppm.



The 25 CFM three-stage filter system efficiently removes particulates, oil vapors and hydrocarbons from an air supply. After filtration, the regulator sets the pressure for the respiratory equipment and the manifold assembly provides two outlets for airline hose quick connections.

Technical data

9025-XPS

Gases:

Carbon monoxide (CO)
Oxygen (O₂)

Detection Ranges and Resolutions:

	Range	Resolution
CO	0-100 ppm	1 ppm
O ₂	0-25% vol.	0.1% vol.

Expected Sensor Life:

CO	Greater than 2 years
O ₂	Greater than 2 years

Detection Principles (sensor):

CO specific	Electrochemical cell
Oxygen	Electrochemical cell

Other Specification:

Power: 12 V DC Internal battery
Alarms: Audible: Case mounted horn
Visual: Large red LED
Temperature range: -41 to +104°F
(+5 to +40°C)
Adjustable alarm points: CO 10 ppm
O₂ 19.5% & 23.5% volume
Sample flow rate: 0.8 cubic feet of air
per hour (scfh)
Filter panels: 25 CFM panel (2 ports)

Airline Input:

1/4" Hanson Standard pressure 70 to 150 psi

Warranty:

Limited lifetime on instrument and electronics. One year warranty on CO sensor, O₂ sensor and rechargeable battery.

Refer to GfG complete warranty for details.



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