

# 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)
- 3 stage filtration with Autodrain
- DC operation with rechargeable battery
- 2-hour charge time
- Dependable long life electrochemical sensors

**GfG Instrumentation**

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# 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 O<sub>2</sub> on a liquid crystal display.

Calibration and maintenance are simple with our innovative AutoCal<sup>®</sup> 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.

## Specifications

### Ranges & resolution for sensors

Carbon monoxide (CO)	0 - 100 ppm	1 ppm
Oxygen (O <sub>2</sub> )	0 - 25 % vol	0.1 %/vol

### Expected Sensor Life

Carbon monoxide (CO)	Greater than 1 year
Oxygen (O <sub>2</sub> )	Greater than 1 year

### Detection principles (sensor)

CO specific	Electrochemical cell
Oxygen	Electrochemical cell

### Other Specification

Power:	12 VDC 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 O <sub>2</sub> 19.5% and 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
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### Warranty

Limited lifetime on instrument and electronics. One year warranty on CO sensor, O<sub>2</sub> sensor and rechargeable battery.

Refer to GfG complete warranty for details

*Specifications subject to change without notification*

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## GfG Instrumentation

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Rev. 3 (02/03/17)