

9025-XPS

Fully portable compressed air monitoring system



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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 oxygen on a liquid crystal display.

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

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.

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.



Best safeguard for quality breathing air

The 9025-XPS has a 24 hour run-time (no alarms) and a two hour charge time. The adjustable alarm settings and three stage filtration provide safe breathing air from compressed air systems.

Technical Data: 9025-XPS

Measuring principles:

CO: Electrochemical cell (EC)

O₂: Electrochemical cell (EC)

Detection ranges and resolutions:

CO: 0 - 100 ppm 1 ppm

O₂: 0 - 25% volume 0.1% by volume

Expected sensor life:

CO: Greater than 1 year

O₂: Greater than 1 year

Temperature: +41 to +104 °F /
+5 to +40 °C

Alarms:

Audible: Case mounted horn

Visual: Large red LED

Adjustable alarm points:

CO: 10 ppm

O₂: 19.5% and 23.5% volume

Airline input:

1/4" Hanson: Standard pressure 70 to 150 psi

Sample flow rate:

0.8 cubic feet of air per hour (scfh)

Filter panels: 25 CFM panel (2 ports)

Power supply: 12 V DC Internal battery

Available models:

9025-XPS

9025-XPS-CE (4021-1-CE, 2 ports, with CE mark)

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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All specifications on this brochure are subject to technical changes due to further development.

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info@goodforgas.com
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sales@gfg-asiapac.sg
sales@gfggas.co.uk
info@gfg.ch
alainflachon@gfg-gasdetection.fr
biuro@gfg.pl
austria@gfg-mbh.com
info@gfg-gasdetection.nl

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GfG Instrumentation, Inc.

1194 Oak Valley Drive, Suite 20, Ann Arbor, MI 48108 USA
Phone: (734) 769-0573 • Toll Free (USA / Canada): (800) 959-0329
Website: www.gfgsafety.com/us-en • info@goodforgas.com

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