



RAM 744

Wall mounted or fully portable compressed air monitoring system



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The RAM 744 is the ideal monitor for portable applications and where space is limited. It is mounted with the filtration system, allowing for rapid response and eliminating the possibility of sample lines becoming blocked or crimped. The flow rate is fixed so there are no sensitive flow meters to adjust.

Calibration and maintenance are simple with our innovative AutoCal® system that allows the CO sensor to be calibrated with a test gas connection and the flip of a switch. The alarm level is set to 10 ppm.

The compact, durable, portable "air case" encloses the three-stage 25, 50 or 100 CFM filter panel with the RAM 744 CO monitor in a rugged carrying case*. All models have quick-connect inlets and outlets.

Any GfG Instrumentation respiratory airline monitor (RAM) instrument can be custom-configured to meet the needs of the end user's exact specifications.

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 also have the ability to 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 RAM 744 provides a continuous in-line carbon monoxide monitor with low maintenance, dependable, long-life electrochemical sensor and three-stage filtration for up to eight users.

Technical Data: RAM 744

Gas: Carbon monoxide (CO)

Measuring principle: Electrochemical cell (EC), CO specific

Detection range: 0 to 99 ppm

Display:

2 digit 1/2" digit back lighted* LCD

* External power sources only

Expected sensor life: Greater than 1 year

Temperature range:

-4 to +122 °F / -20 to +50 °C

Alarm point: 10 ppm

Alarms:

Audible: 83 dB at 1 ft / 30 cm

Visual: Flashing LED

External alarm: 90 dB at 1 m

Airline inlet / outlet:

Standard pressure 70 to 150 psi

1/2" FPT - 50 to 100 CFM panels (wall mount)

3/8" - 25 CFM panels (wall mount)

Dynaquip quick connects - outlet

Available relay contacts and ratings:

N/O, common, N/C

0.6 A at 125 V AC

2 A at 30 V DC

Sample flow rate:

1.0 cubic feet of air per hour (scfh)

Power supply:

110 V AC (wall pack)

12 V DC external

9 V DC internal

Available models:

8025-744: 25 CFM wall mounted filter panel with RAM 744 (2 ports)

8050-744: 50 CFM wall mounted filter panel with RAM 744 (4 ports)

8100-744: 100 CFM wall mounted filter panel with RAM (8 ports)

*9025-744: 25 CFM portable filter panel (2 ports)

*9050-744: 50 CFM portable filter panel (4 ports)

*9100-744: 100 CFM portable filter panel

* Consult GfG for color options available on portable filter panels.



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

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