

RAM 744-XP AUTOLOCAL®

Portable Remote Compressed Air Monitor



RAM 744-XP

Remote Monitor

- Continuous in-line CO monitor
- Low pressure alarm
- Rugged and watertight design
- Loud audible alarm
- 5 or 10 ppm alarm (please specify)
- Rechargeable battery
 - 1000 hour run-time (no alarms)
 - 400 hour run-time (in alarm)
- Marine style 110 VAC connector
- 12-hour charge time
- Remote alarm connector

GfG Instrumentation

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RAM 744-XP

The GfG RAM 744-XP remote monitor is a rugged and compact monitor for the detection of CO in compressed breathing air. It is the ideal monitor for portable applications where space is limited or where the environment is harsh. With a standard high pressure (120 psi) fitting on the inlet, it is easy to connect to virtually any air filtration system. The RAM 744-XP automatically adjusts the flow rate so there are no touchy flow meters to adjust.

Calibration and maintenance are made simple with our innovative AutoCal® system which allows for automatic calibration with the turn of a dial. The alarm level is set at 10 ppm by default; however, it may be specified at 5 ppm. Any GfG Instrumentation RAM

instrument can be custom-configured to meet the needs of the end user's exact specifications.

Power Pack

The RAM 744-XP includes a power pack with a heavy-duty rechargeable battery, built-in power supply/charger, 110 VAC power connection and remote alarm connector.

The 110 VAC connector is a completely sealed marine grade type, preventing water from entering the case†.



The RAM 744-XP may be continuously powered by 110 VAC or the rechargeable battery. The internal battery will power the monitor for 1,000 hours or 400 hours in continuous alarm.

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.

†Devices powered by mains should not be exposed to water during operation.

Specifications

Ranges & resolution for sensors

Carbon monoxide (CO) 0 - 99 ppm 1 ppm

Expected Sensor Life

Carbon monoxide (CO) Greater than 1 year

Airline Inlet

Standard pressure 60 to 120 psi
Hanson Style Dynaquip connector
(Schrader style available)

Other Specification

Dimensions: 11.81x8.87x5.18 in (30x22.5x13.2 cm)
Weight: 8.5 lb. (3.17 kg)
Power: 110 VAC/rechargeable battery
1000 hour run-time (no alarm)
400 hour run-time (in alarm)
Alarms: Audible, internal: 83 db at 1' (30 cm)
Audible, case: 100 db at 1 m
Visual: Flashing LED
Housing: IP-67 (dust proof and highly water resistant)
Temperature range: -4 to +122°F (-20 to +50°C)

Standard Accessories

Manual

Optional Accessories

Calibration gas, kits and regulators

Warranty

Limited lifetime on instrument and electronics. One year on CO sensor.

Refer to GfG complete warranty for details

Specifications subject to change without notification

Distributed by:



GfG Instrumentation

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