

# Occupational Health & Safety Portable Carbon Monoxide Airline Monitor

**Issue:** OSHA requires all breathing air compressors to be monitored for CO (carbon monoxide) gas in the air delivered to an airline respirator. OSHA follows the CGA (Compressed Gas Association) standard for Grade-D breathing air which states that the maximum allowable limit for Grade-D air is 10 ppm (parts per million) for CO.


**Application:** The portable CO monitor can attach to any compressor and provide a continuous reading of CO gas concentration delivered to an airline respirator user. If the level of CO exceeds 10 ppm, a visual light and audible alarm is actuated to notify the worker. The monitor is housed in a polycarbonate case and is used in the closed position.

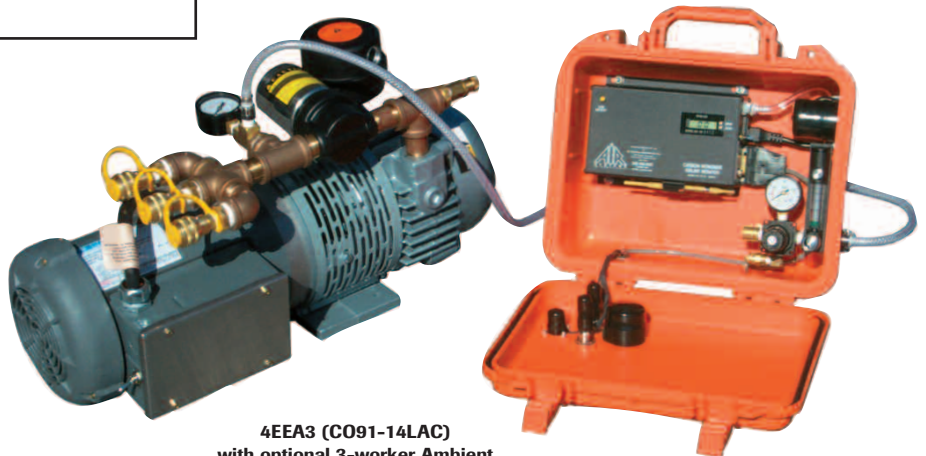
**Recommendation:** The monitor will attach to any breathing air supply up to 150 psi. The monitor must be calibrated on a monthly basis or whenever the reading is questioned; to calibrate, order calibration kit 2AM39. The monitor can be run off twin 9-volt batteries for up to 40 hours or continuously on 115 VAC with the power cord provided.

**Reference OSHA 1910.134 (i) (6)**

For compressors not oil lubricated, the employer shall ensure CO (carbon monoxide) levels do not exceed 10 ppm.

**Product Features:**

- Operates on 9-volt batteries, 8-16 VDC, and/or 115 VAC
- Connector kit includes 1/4" industrial interchange coupling supplied on 5ft hose
- Standard alarm jack allows for connection to remote alarm devices
- Available in a high pressure version up to 6000psi for fill compressors
- Available in  approved Intrinsically safe version, 9 VDC only
- 2 year warranty on CO sensor and monitor



4EEA3 (CO91-14LAC)  
 with optional 3-worker Ambient  
 Air Pump 5AG10 (BAC-17)

**Portable Carbon Monoxide Monitor**

Description	ASI Part #	Grainger Item #
Portable CO Monitor, 5000 psi maximum inlet pressure	CO91-14LAC	4EEA3
CO Calibration Kit	BBK-20	2AM39