

# Portable CO / O2 Monitoring

## *The Industry Standard*

**For use in the Commercial  
Sandblasting, Paint and Coatings Industry**

### Why Use a Portable Airline Monitor?

- **Continuous Carbon Monoxide Monitoring** - Meets OSHA requirements
- **Strong, Durable Case** - Protected from spray and blast materials
- **2 Year Warranty on Sensor and Monitor** - Longest in industry
- **Visual and Audible Alarms** - Standard on all units
- **No Firmware / App to Update** - No screens to scroll through
- **Fast & Easy Calibration** - Less than 2 minutes to calibrate
- **Fast & Easy Sensor Change** - No complex procedure
- **Oxygen Monitor (CO/O2) Available**
- **Intrinsically Safe Version Available**
- **Made In The USA** - Chesapeake, Virginia



**CO91-14LAC  
Portable CO Monitor**



[www.airsystems.com](http://www.airsystems.com)

# How Often Should I Calibrate My Airline Monitor?

Air Systems recommends calibrating our CO-91 Series monitors monthly. If monthly calibrations are not followed, the monitor should be recalibrated prior to each use.

**Carbon Monoxide (CO)** - Use only 20 ppm CO gas for calibration. Using a higher concentration on may decrease accuracy at lower scale readings. Note: 10 ppm gas must be used to satisfy Canadian calibration requirements.

**Zero Air** - When calibrating the monitor, CO free air is used to achieve a true zero reading on the monitor before using the Carbon Monoxide (CO) test gas. Zero air removes all background interference gasses.



CO91-14LAC

## Applications

- Portable Filter Pots
- Filtration Systems
- Ambient Air Pumps
- Equipment Rentals
- Retro-Fit Old Style Compressors



## Specifications

- Includes 3 ways to connect to supply hose
- Use in the closed position
- Standard audible alarm (95 dBA) included
- High intensity alarm (123 dBA) available for an additional charge
- Alarm jack allows for connection to remote alarm devices
- Operates on 9-volt batteries, 8-16 VDC, and/or 115 VAC

## Portable CO Monitors

Item No.	Description
CO91-14LAC	Portable CO monitor, 150 psi maximum inlet pressure, and 5' hose
CO91-14HAC	Portable CO monitor, rated for 5000 psi maximum pressure, includes 5000 psi regulator, and 5' hose
CO2-91LAC	Portable CO/O <sub>2</sub> monitor, 9 VDC and/or 115 VAC, 5' hose, 150 psi maximum inlet pressure
CO91-14IS	Portable Intrinsically Safe CO monitor, 9VDC only, audible alarm, visual lights, flowmeter, connect hose, LCD display
CO291-14IS	Portable Intrinsically Safe CO/O <sub>2</sub> monitor, 9VDC only, audible alarm, visual lights, flowmeter, connect hose, LCD display



**Intrinsically Safe Monitors Approved for Class I, Division 1, Groups C and D environments and are 9 VDC operation only.**

## CO Monitor Calibration Kit - Small Cylinders

Item No.	Description
BBK-20	Calibration kit for CO monitor - 20 ppm CO, zero air, regulator, tubing, and hard case, 17 liter size disposable cylinders
BBK-10	Calibration kit for CO monitor - 10 ppm CO, zero air, regulator, tubing, and hard case, 17 liter size disposable cylinders, for Canadian CO monitor settings
BBG-02	Oxygen sensor test gas, 20.9% in nitrogen, 17 liters

## Replacement Sensors for Air Systems' Airline Monitors

Item No.	Description
CO-91NS	New CO sensor for CO-91 series monitors
CO2-02	New Oxygen sensor for CO2-91 series monitors



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CO-91NS