



Airspace AI-1201 CO  
Methane Monitor

## AI-1201 Features

- \* Reliable AGS Technology™
- \* Low Maintenance - No Routine Calibration
- \* Portable, Lightweight, and Ruggedly Designed
- \* Cost Effective and Easy to Use
- \* Battery Saving Motion Switch Technology
- \* Audible and Visual Alarm Indicators
- \* Vibrating Alarm Indicator Optional
- \* Low Battery Warning
- \* Data Logger Versions Available
- \* Certified Intrinsically Safe: Class 1, Div 1, Groups A,B,C,D

The **Airspace AI-1201 Carbon Monoxide and Methane Gas Monitor** takes the capabilities of the AI-1100 and AI-1200 models and includes detection of methane and other flammable or explosive gases. Carbon monoxide and methane levels will display on the LCD with an identifying icon symbol and numerically in parts per million (ppm). Natural gas, propane, gasoline, hydrogen, acetylene, benzene and toluene are just some of the other gases that will be sensed by the AI-1201 Monitor. The monitor is set to alarm at 5000 ppm for methane and alert you to the danger of a possible explosion. The carbon monoxide monitors have three alarm levels - low at 30 ppm, medium at 60 ppm, and high at 120 ppm. .

The AI-1201 monitor detects gas levels using advanced Gas Sensor AGS Technology™. The AGS Technology™ provides a highly sensitive sensor that responds quickly in detecting lethal gases. Even low concentrations of CO can be detected within seconds. The solid-state sensor design means there is nothing to wear-out or replace, so performance remains consistent over time. The sensor requires no routine calibration and comes with a full 5 year warranty. A free 30 day demo unit is available upon request.

The CO/Methane Monitor provides both audible and visual alarms. The sensor will "see" most hydrocarbon gases - such as gasoline, propane, natural gas, hydrogen, acetylene, etc., but will not give an accurate ppm reading for those other gases because the calibration is to methane. The audible alarm as well as the optional vibrator alarm can be temporarily silenced with the alarm silence button. The LCD display shows numeric levels of gas concentration in parts per million as well as the icon of the gas being detected.

Airspace Gas Monitors are powered by two (2) AA alkaline batteries that can provide up to four months of typical operation during an 8 hour shift, 5 days a week. 24/7 battery life will be up to 40 days (assuming a no gas detected condition) or can be extended by selecting the motion switch management. When motion switch management is enabled, the Monitor will automatically turn on whenever the Monitor is moved and turn off after 45 minutes of no movement or non-zero gas readings. With the motion switch enabled, any new movement will cause the Monitor to actively sense for another 45 minutes. For maximum battery life, motion switch management should be used when the Monitor will be moved infrequently, for example, less than a couple of times per day.