

APPLICATIONS

Who needs a personal Gas Monitor???

<i>Fire and Rescue Personnel</i>	<i>EMT and Emergency Management</i>
<i>Ambulance and Other First Responders</i>	<i>Police Officers</i>
<i>Public Works Employees</i>	<i>Gas and Electric Utility Workers</i>
<i>Pilots and Boaters</i>	<i>Hunters, Campers, and RV Owners</i>
<i>Real Estate Agents and Building Inspectors</i>	<i>Farm Operations</i>
<i>Fork Truck Operators</i>	<i>Vehicle Mechanics</i>

Fire and Rescue Personnel

- Many departments are replacing some of their four gas sensors with Airspace solid state technology, recognizing that CO and Methane represent the great majority of what four gas sensors are actually being used for. The cost savings are dramatic.
- Many departments are adding sensors for occasional use purposes, such as supervisors and command vehicles that occasionally become first responders by default. Because solid state technology costs so little to own and stores so well, it is practical to do that.
- Our solid state monitors are adding safety and efficiency for Emergency First Responders. Airspace monitors make it practical and affordable to have a CO monitor with every first response crew. The safety of the crew is improved and all the complicated protocol to try to predict when CO might be an issue is eliminated. So does the added expense of sending Rescue people with first responders when it isn't necessary! A dramatic – and affordable - improvement in safety and efficiency!
- An Airspace carbon monoxide monitor can verify there is CO in the environment and alert personnel to the possibility of a false positive reading when using a pulse-oximeter.
- Patients are not returned to a home with low CO levels only to be calling 911 again!
- An Airspace Monitor can be sent to investigate a 911 Home Alarm call. Anyone can use it – no complicated zeroing or set up is required. The sensitivity is sufficient to search for the source and possibly eliminate it – gas can be turned off to a water heater, for example. At the very least, CO can be confirmed and the occupants advised to leave until an HVAC person can come – or not. It is estimated as many as 60% of CO calls from home alarms are false, but to the person whose alarm is going off at midnight or on a holiday weekend, a response is very important. Our monitor makes it possible to respond economically and provide a valuable public service.

- Many crews are attaching an Airspace Monitor to a helmet or uniform strap in overhaul or clean up operations. Crews that use monitors tell us they can manage their exposure much better. Sometimes moving just a few feet can get them into a much lower CO environment. Even with fans, CO is an issue – and evidence is showing exposure can have a cumulative effect. Airspace solid state technology makes it practical and affordable to manage that exposure.
- Fire and Arson investigators are benefiting by having our simple to use, almost no maintenance required device that offers them personal protection and can help them find ignition sources and “hot-spots”.

EMT and Emergency Management

- The ability to store without requiring maintenance or degrading in capability is a significant advantage our Airspace technology can offer Emergency Management. Several states are presently looking at Airspace Monitors to equip task forces in the event local EMTs are overwhelmed by a catastrophic event. No other technology offers the affordability, ease of use, and ability to store as efficiently as the Airspace Monitor does.

Ambulance and Other First Responders

- We at Airspace want to make it our mission to avoid any first responder ever being hurt by CO again. Our monitors are automatic – just be sure they are turned on. They are inexpensive to buy and maintain. **No first responder ever need be injured by CO again.** Prevention is affordable and available from Airspace Monitoring Systems, Inc.
- CO is a problem that is infrequent enough to be extremely dangerous for first responders. Because serious harm by CO is so infrequent it has been hard to justify Emergency First Responders having expensive and complicated CO detection with them at every response. The unfortunate result of that is occasionally people are hurt and even killed by CO.
- An incident in our home city of Milwaukee, WI just this past fall hospitalized 4 first responders and resulted in the City of Milwaukee now sending a CO monitor in with every first response team. The city of Madison, WI uses our monitors – attached to a medical bag with every first response team.
- Crews that use CO monitors all the time are saving Fire and Rescue department dollars. By having CO detecting equipment with them, they can call out Fire/Rescue only when CO is actually present. All the complicated and expensive protocol of trying to predict and send crews when CO might be present is eliminated.

- Patients are better served as well. No one need be returned to a home with low CO levels ever again! Crews using monitors tell us they find exactly that situation where they would not have expected it by symptoms.
- Patients also benefit by being able to confirm false positive Puls-Oximeter readings. See the [COHQ](#) web site for more information.

Police Officers

- Police and Sheriff deputies sometimes become first responders by default. An Airspace Monitor can provide the information needed to stay safe and provide effective help in those situations where CO or Methane (Natural gas or Propane also) might be a factor.
- For example, answering a call where an elderly couple has not been seen for a couple of days. Entering that home without a CO monitor is dangerous. With an accident involving a tanker vehicle, is there a dangerous level of carbon-based gas? Entering a farm silo or barn with a manure pits can be deadly. When entering a sewer plant or manhole you need a CO and Methane detector to be safe.
- Occasionally, a squad car can be a dangerous place! Because it does not happen often makes it even more dangerous, because our guard is down. The Airspace Monitor is affordable protection.
- The Airspace Gas Monitor can be carried in the vehicle until needed. Simply turn on the switch, wait for the green light and go! Bump test occasionally to verify it is working and replace batteries every six months or so depending on use – they are common AA! That is it – the protection and equipment you need is now practical and affordable to own!

Public Works Employees

- No one should ever enter a manhole without checking for CO and carbon-based gases like Methane, Propane, and Natural gas. Sewer plants, sub-stations, control areas in sewers, etc., should all be considered potentially dangerous. An Airspace Monitor will keep you safe – **and it's affordable!**
- No need to waste the time to borrow a complicated instrument you are not trained to use, you can afford to own your own - and it is easy to operate. Turn on the monitor, wait for the green light (less than a minute), and go!
- An Airspace Monitor will store for months and be ready to go. Put in the batteries (common AA's). Turn it on, wait for the green light, and go! It is that easy. Airspace solid state monitors will store without degradation of the sensor – no other technology will do that.

Gas and Electric Utility Workers

- Some houses can kill you! There are many environments that you frequent that can contain CO or carbon-based gases. Because it does not happen often makes it even more dangerous. An Airspace Monitor can protect you at an affordable cost!
- Complexity and cost of ownership is very low - AA batteries every few months, or once a month if the monitor is worn every day, all day, and a bump test to verify function occasionally - and that's it! No routine calibration, no sensor replacement, no zeroing!
- When Methane, or other carbon-based gas, may also be an issue, no other monitor can provide as much protection at anywhere near the low cost of an Airspace Gas Monitor.

Pilots and Boaters

- Pilots can manage a CO problem with an Airspace Monitor. There are CO detectors available for airplanes, but no other affordable technology will allow the pilot to identify the amount of CO, identify the trend, and manage the problem as will an Airspace Monitor.
- Many boats are required to have a CO monitor by Coast Guard rules - but they only alert the occupants of the presence of CO. The fact is CO is often present, and like pilots, you need information to manage CO exposure. The Airspace Monitor will give you that information at an affordable cost of ownership. Any other monitor with similar capability will require frequent calibration, sensor replacement, and training to operate. The Airspace Monitor will store until needed and be usable by simply turning on the switch!

Hunters, Campers, and RV Owners

- Battery powered personal protection when camping can be critical. Every season, there are reports of death from heaters, generators, and gas light sources. An Airspace Monitor is affordable protection that can be available and ready to go for the occasional user.
- Ice fishermen should be monitoring their CO exposure. Evidence is mounting that long term exposure to CO can be damaging. An Airspace Monitor can be used to regulate venting, etc., to be sure your exposure is at safe levels.

Real Estate Agents and Building Inspectors

- Buildings can be deadly! It does not happen often, which makes it even more dangerous because our guard is not up.
- An Airspace Monitor is affordable, can be stored without degrading, and be available for those times you need to go into an old or abandoned building. It might be a good idea to carry it in any building. A bad water heater, chimney, or furnace heat exchanger can cause low CO levels in any building. You can identify and alert your clients to that danger with an Airspace Monitor.

Farm Operations

- Every year there are accidents on farms from CO and/or methane in silos, pits, and barns. An Airspace Monitor is affordable and can be stored without degrading for seasonal use when entering silos or closed barns with manure handling pits. **You can afford to be safe!**

Fork Truck Operators

- Anyone working in a confined space with a fork truck needs CO protection. An Airspace Monitor can provide it at an affordable cost of ownership.

Vehicle Mechanics

- Mechanics working in a service bay are exposed to vehicle emissions. Evidence is emerging that long term exposure to even low levels of CO can be harmful. An Airspace monitor will help manage that exposure to the lowest possible level.