

OVERVIEW, Applications

The AI-1100 CO Monitor was designed to be easy and affordable enough to be carried with EMS on every call. It is a simple monitor that will alert to 30ppm, 60ppm and 120ppm and up of Carbon Monoxide. The benefit is a simple, automatic and passive screening on every call for CO. It will identify when CO poisoning might be an issue and protect the first responders.

The AI-1200 CO Monitor was designed to provide an easy to use and very precise tool that anyone in the Fire Department can use to respond to home CO alarm calls.

Also, to use post fire to stay zero CO. Monitoring to stay zero CO helps to keep people out of a wide spectrum of dangerous gases that can be present after a fire. CO is more stable and cohesive than most other gases so it tends to be one of the last to dissipate.

The AI-1201 CO and LEL Monitor was designed as an emergency response tool. It will look for Carbon Monoxide and Methane – so the operator is protected from the dangerous gases they can't see or smell. It will also provide a valuable reference to check for ambient air saturations of other hydro carbon gases that might be encountered in an emergency response; gasoline, natural gas, propane, acetylene, hydrogen, etc. A very significant strength is the ability to store without degrading for up to five years and be ready to use with no calibration at any time.

Our dealers have expanded those very specific applications into several areas, for example;

Replacing some or all four gas monitors. We do not yet offer a four gas monitor so the only technology that is available in the small portables is electro chemical. The cost of maintaining one four gas electro chemical monitor is \$300 to \$500 per year. Here's a recent example; A Fire Department that has six engines in two stations were looking at replacing older four gas monitors they carried in each engine. They had no gas detection ability in their ambulance or command vehicles. They ultimately decided to purchase one four gas monitor for one engine in each station for confined space use. They are using our 2 gas monitors in the other engines and command vehicles. They have our 1200 monitor in their ambulances. Their cost savings – by their estimate – is about \$10,000 in just the five years or our warranty AND they feel they are safer since they are now carrying equipment on every call and it's easy enough to be used on every call. Their old equipment stayed in the truck because no one was sure of the maintenance and it was difficult to use.