

Molex Company Sensorcon Introduces CO Inspector Line

Portable Tool Helps First Responders Detect Carbon Monoxide Levels

LISLE, IL – December 28, 2017 – [Molex](#) subsidiary [Sensorcon](#) has introduced the CO Inspector, a portable meter that uses advanced electrochemical sensor technology to quickly detect and measure carbon monoxide, and alert fire, police and rescue personnel to dangerous levels.

Fast, accurate detection is especially crucial today, given that the popularity of petroleum-based building materials has escalated the risk of carbon monoxide exposure and poisoning in firefighting. Carbon monoxide levels should be actively monitored by all personnel subject to smoke inhalation, for the duration that firefighting or rescue operations are performed.



“The Inspector uses a compact electrochemical sensor that has an extremely fast response time,” said Calen Dembitsky, marketing manager, Sensorcon, a Molex company. “The self-contained meter can easily and securely be attached to firefighters’ turnout gear, and the LCD display with all the features and modes is viewable even

when wearing self-contained breathing apparatus. It’s also ideal for monitoring carbon monoxide exposure in police vehicles, which has been a particular problem with departments that use police SUVs.”

Lightweight yet rugged, the instrument is also ideal for HVAC service technicians, home and code inspectors and indoor air quality professionals who monitor buildings, construction or industrial areas, or test around appliances.

The device is available in three models: The Inspector, Inspector Industrial and Inspector Industrial PRO. All three are waterproof and shockproof, have preprogrammed set points, measure CO gas concentrations from 0 to 1,999 ppm and provide visual (LED) and audio alarms.

The Industrial and Industrial PRO models have vibrating alarms as well as intrinsically safe certification, ensuring they will not cause a spark in an explosive environment. With the Industrial PRO device, users can set their own low and high alarms. In addition, the Industrial PRO tool's time weighted average (TWA) feature records three different readings within 24 hours and provides the average.

Specifications of the Inspector include:

- **Factory Calibrated Accuracy:** +/- 10% or +/- 2 ppm (whichever value is higher)ⁱ
- **Initial Response Time:** < 5 seconds
- **Alarm Set Points:** Preprogrammed 35 ppm low, 200 ppm high
- **Battery Life:** 2 years (depending on alarm condition)
- **Temperature Range:** -4 to +122 °F (-20 to +50 °C)

For more information about the Inspector, please visit sensorcon.com/inspector.

About Sensorcon:

Sensorcon, a Molex company, is dedicated to creating durable, high-quality environmental sensor products to meet the most demanding of domestic, professional and industrial needs. Sensorcon has more than 10 years of experience in sensor integration and design with all products manufactured in the USA. All products can be purchased directly from the Sensorcon online store. For more information, please visit www.sensorcon.com.

About Molex:

Molex brings together innovation and technology to deliver electronic solutions to customers worldwide. With a presence in more than 40 countries, Molex offers a full suite of solutions and services for many markets, including data communications, consumer electronics, medical, industrial, automotive, and commercial vehicle. For more information, please visit www.molex.com.

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ⁱ Sensors should be calibrated every 6 months to maintain manufacturer's calibrated accuracy and performance may vary depending on low and high relative humidity exposure over prolonged periods.