SENSORCON
Sensing Solutions by **molex**

Sensorcon Inspector Series
Carbon Monoxide

The Sensorcon Carbon Monoxide Inspector is the perfect tool for detecting hazards, finding faults and reading the fingerprint of combustion.

Available in 3 different models, the Sensorcon Inspector Series is a professional grade instrument ideal for Emergency Responders, Fire and Police Personnel, Building Inspectors and anyone working near gas or diesel powered equipment. Featuring proprietary engineering and software, the Inspector Series utilize electrochemical sensors for fast, accurate measurement of CO in the parts per million (ppm) range. Assembled in the USA with a 2 year warranty included.

Features and Advantages

Advanced Sensor Technology
Delivers accurate and reliable detection

Large, High Visibility LCD
Displays clear readings

Intuitive & Durable Design
Provides ease of use, requires minimal maintenance

Shock & Water Resistant IP Rated Housing
Protects against harsh environments

Intrisically Safe*
Ensures safety in explosive environments
*Available only in the Industrial models

Proprietary Electronics with Embedded Software
Computes accurate concentrations in the parts per million (ppm) range

Factory Programmed Alarms
Alarms at NIOSH defined 8-hr TWA (35 ppm) and ceiling limit (200 ppm)

Programmable Alarms*
Set your own low ranging alarm from 5 ppm to 500 ppm
*Available only in the Industrial PRO model

Visual, Audio and Vibrating Alarms*
Visual LED and 80+ db audible alarms available in all models
*Vibrating alarm feature available only in the Industrial models

Lanyard Loop & Rugged Attachment Clip
Secures to your clothing for hands-free operation

Two-year Battery life
Long lasting for years of service

Complete Inspection Kit
Provides ready-to-use detector, pump kit and storage case

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Applications

Emergency Responders
EMTs
Police
Fire
HVAC
Appliances
Furnace
Water Heater

Law Enforcement

Fire Fighters

Emergency Medical Service

Model	INS2-CO-01 Inspector	INS2-CO-02 Industrial	INS2-CO-03 Industrial Pro
2 Year Warranty	✔	✔	✔
Water Resistant	✔	✔	✔
Shock Proof	✔	✔	✔
Pre-set Alarm	✔	✔	✔
Visual Alarm	✔	✔	✔
Audio Alarm	✔	✔	✔
Vibrating Alarm	✕	✔	✔
Intrinsically Safe	✕	✔	✔
Adjustable Alarm	✕	✕	✔
24 Hour TWA	✕	✕	✔

Technical Specifications

Range: 0- 500 ppm, display 0 to 1,999 ppm

Resolution: 1 ppm

Accuracy: +/- 10% at ambient conditions, 0 to 500 ppm

Initial Response Time: < 5 seconds

Response Time: < 20 seconds (Note: T90 - Time to reach 90% of full signal)

Display: Real time gas ready

Size: 3.2" x 2.2" x 0.86"

Warranty: 2 years

Battery Life: 2 yrs (Note: Depending on alarm condition)

Alarm Set Points: 35 ppm low to 200 ppm high

(Note: Audio, visual and vibrating alarm)

Temperature Range: -4 to +122 °F (-20 to +50 °C)

Humidity Range: 20% to 90% RH continuous (0 - 99% intermittent)

Sensor Type: CO specific electrochemical

Ingress Rating: Dust proof & water resistant

Included Accessories: Steel clip with lanyard loop

Unit Weight: 4 ounces

www.sensorcon.com