The Series GSTA Carbon Monoxide/Nitrogen Dioxide Transmitters monitor the gas concentration in underground parking garages and loading docks. Carbon monoxide is commonly used to measure the exhaust of gasoline engines, while nitrogen dioxide is used for diesel engines. Field selectable current and voltage outputs allow the transmitter to be used with almost any building management controller. For carbon monoxide units, the user can select the output range to be from 0 to 50 ppm up to 0 to 500 ppm. Nitrogen dioxide units come with a standard 0 to 10 ppm range. The output can be inverted to read 20 to 4 mA or 10 (5) to 0 VDC using internal dip switches.

To maximize the accuracy of the Series GSTA, the sensor can be field-calibrated using the A-449 remote LCD display. When the sensor reaches the end of its life, the display will indicate that the sensor needs to be replaced.

**ACCESSORIES**

- A-449, Remote LCD Display .......................... $50.00
- A-505, CO Replacement Sensor .................. $50.00
- A-506, NO₂ Replacement Sensor ............... $100.00
- A-507, Calibration Adapter ...................... $35.00

**SPECIFICATIONS**
- **Sensor:** Field replaceable electrochemical, 4 years typical lifespan. Recommend calibration every 6 months.
- **Range:** CO: selectable 0-50 ppm up to 0-500 ppm; NO₂: 10 ppm.
- **Output drift:** <5% per year in air.
- **Coverage Area:** 5000 to 7500 sq ft typical.
- **Accuracy:** CO=±2% of reading, NO₂=±3% of reading at the time of calibration.
- **Response Time:** <45 seconds to 90% CO, <25 to 90% NO₂.
- **Span and Zero Adjustment:** Via pushbutton, using optional A-449 display.
- **Housing:** UV resistant glass filled polycarbonate.
- **Output:** Switch selectable 4 to 20 mA (loop powered), 0 to 5 V @ 5 mA, or 0 to 10 V @ 5 mA; Switch selectable 0 to 5 V / 1 to 5 V and 0 to 10 V / 2 to 10 V; Switch selectable normal or reverse output.
- **Power Supply:** Current output=10 to 35 VDC; Voltage output=15 to 35 VDC or 15 to 29 VAC.
- **Electrical Connection:** Removable terminal block, knockouts for conduit fitting.
- **Calibration:** Via pushbuttons using A-449 auxiliary display.
- **Weight:** 1 lb (45 kg).
- **Agency Approval:** CE.

**Model GCK-200CO-2000CO2**

**Carbon Monoxide/Nitrogen Dioxide Gas Calibration Kit**

**200 PPM CO/2000 PPM CO₂ Gas Concentrations**

The Model GCK-200CO-2000CO2 Gas Calibration Kit provides a reliable flow of carbon monoxide and carbon dioxide to calibrate Dwyer® gas sensing transmitters. Every kit includes a span gas of 200 PPM carbon monoxide and 2000 PPM of carbon dioxide, a reference gas of 99.99% nitrogen, a 0.5 LPM flow regulator, and tubing. For convenient transportation, each kit is packaged in a hard carrying case. A certificate of analysis and material safety data sheets are included for both gas cylinders.

**SPECIFICATIONS**
- **Gas Concentrations:** 200 PPM CO/2000 PPM CO₂ for span gas, 99.99% N₂ for reference gas.
- **Flow Regulator Flow Rate:** 0.5 LPM.
- **Cylinder Capacity:** 0.6 ft³ @ 70°F and 240 psig (17 L @ 21°C & 1654 KPAG).
- **Accuracy:** ±2%.
- **Weight:** 14 lb (15 oz).

Available in North America only.

**CALL TO ORDER | 800/872-9141**

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* Items are net priced and are not subject to any discount.