



Peel Carbon Monoxide Detection Systems

Product Specification/Technical Details

Model Number:	CO-420
Gases detected:	CO – Carbon Monoxide
Operating temperature:	-10 to +60 deg C (Continuous) -40 to +70 deg C (Intermittent)
Humidity rating:	5-99% RH non condensing
Warm-up time:	< 30 seconds
Detection level:	CO 0-150ppm +/-2% supplying 4-20ma output proportionate
Response time:	Levels are instant when the gas is detected.
Power Input:	12/24V DC Current Loop Circuit (4-20ma) Wiring is not polarity sensitive
Unit Life:	Fully Serviceable Peel standard warranties apply for the main unit. The sensors used in this instrument are backed by the manufacturer of the sensor. All the instructions have been observed in the design process to maintain the sensor warranty.

Carbon Monoxide sensor selection

Sensor model:	TGS5042
Sensor life:	10 Years (Minimum 7 Years with stable output under normal conditions)

-UL recognized component

-Meets UL2034, EN50291, and RoHS requirements

The sensor used for this product meets all the quality requirements for **ISO9001** as demonstrated by the manufacturer.

Figaro's **TGS5042** is a battery operable electrochemical sensor which offer several advantages over traditional electrochemical sensors.

Its electrolyte is environmentally friendly, it poses no risk of electrolyte leakage, can detect concentrations as high as 1% CO, operates in a range from -40° and +70°C, and it has lower sensitivity to interferant gases.

With a long life, good long term stability, and high accuracy, this sensor is the ideal choice for CO detectors

To maintain the level of precision each sensor is tested and validated for accuracy before it is used in production.

The sensors need to meet the laboratory calibrated values of the approved production reference.