



## **Model 900801 On-Line Tri-Gas CO/CO<sub>2</sub>/O<sub>2</sub> Analyzer for Hi-Ox and Lo-Ox Processes**



- **Both Hi-Ox and Lo-Ox CR Meat Packaging Process Capable**
- **Automatic Operation - Low Maintenance.**
- **Self Stabilizing AutoZero/Cal for CO, CO<sub>2</sub> and Oxygen.**
- **Built-In RS232C and Ethernet Interfaces for Communication with Industrial Data Collection Systems.**
  - *Small (6"x6"x4") Stainless Steel NEMA-4 Splash proof Case*
  - *Self-Starts upon the application of power, with automatic power interrupt fault recovery built-in.*

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## Model 900801 On-Line CO/CO<sub>2</sub>/Oxygen Analyzer Specifications

Gases Measured:	Carbon Monoxide (CO), Carbon Dioxide (CO <sub>2</sub> ) and Oxygen (O <sub>2</sub> )
Measurement Methods:	Infrared for CO and CO <sub>2</sub> , Oxygen-Specific E C Sensor for O <sub>2</sub> – Auto-Zero Calibrating.
CO & CO <sub>2</sub> Sensor Life:	20 Years (InfraRed)
O <sub>2</sub> Sensor Life:	18-24 months
O <sub>2</sub> Sensor Replacement:	Customer Accessible – Simple 5 minute replacement with self-calibration – no need for factory return/service.
Measuring Range:	CO: 1.000% CO <sub>2</sub> : 100.0% O <sub>2</sub> : 100.0%
Resolution:	CO: 0.001% CO <sub>2</sub> : 0.01% O <sub>2</sub> : 0.01%
Gas Value Display	4 Digit ½ inch high Bright Red LED 7-segment digital display.
Accuracy	4% relative to gas reading.
Repeatability	1% relative to gas reading.
Response time:	7 seconds to 95% Final Reading, (6 ft. sample line.)
Sampling Rate:	350 mL/Min Nominal (6 mL/Sec)
Rotometer Flow Meter	0 – 500 mL/Min flowmeter on gas exhaust for positive visual indication of gas sample flow
Gas-borne Contaminate Protection Built-In	External water trap with internal water blocking and particle filters protect analyzer from test gas-borne contamination.
Warm-up:	Data Available in 30 seconds from power on. Full accuracy in 5 minutes.

Fully temperature stabilized in 60 minutes.

Automatic Thermal Stabilization with Off-Line Zero/Calibration.



Operating Temperature: 0 to +40 degrees C.  
Power: Line Voltage 85VAC - 250VAC 50/60 Hz – Under 3 watts.  
/ Power (Customer-Provides Switched Power to Internal Terminal Block)  
Communication Interface: Sealed RS-232C Serial Port, 9600 baud.  
Sealed Ethernet RJ-45 Connector – LAN Port..  
Size/Weight: 6” W x 6” H x 4” D - 5 Lbs.