

900601 On-Line Oxygen Analyzer



- **Sealed for Harsh Environments - Industrial NEMA-4 Design.**
- **Automatic Operation - Low Maintenance.**
- **Self Calibrates – No Periodic Calibration Required.**
- **Built-In RS232C and Ethernet Interface for Communication with Industrial Data Collection Systems.**
 - *Small (6"x6"x4") for easy mounting, lightweight (5.0 Lbs), and rugged – housed in a sealed stainless steel case.*
 - *Self-Starts upon the application of power, with automatic power interrupt fault recovery built-in.*
 - *Customer Changeable E-C O2 sensor – which has a service life of 12 to 18 months. Analyzer self tests sensor during auto-calibration and prompts maintenance when required.*



30-06-2016

Model 900601 On-Line Oxygen Analyzer Specifications

| | |
|---|---|
| Gas Measured: | Oxygen (O ₂) |
| Measurement Methods: | Oxygen-Specific Electro Chemical Sensor – Auto-Calibrating. |
| O ₂ Sensor Life: | 12-18 months |
| O ₂ Sensor Replacement: | Customer Accessible – Simple 5 minute replacement with self-calibration – no need for factory return/service. |
| Measuring Range: | |
| 900601 (Standard) | 0.00-25.00% |
| 900602 (Optional) | 0.00-100.0% |
| Resolution: | 0.01% |
| Gas Value Display | 4 Digit x 0.5 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 and internal water blocking and particle filters protect analyzer from test gas-borne contamination. |
| Other Data: | Internal Case Temperature (Deg C) |
| Measuring Range: | 0.00 to 50.0 Deg C |
| Resolution: | 0.02 Deg C. |
| Warm-up: | Full accuracy in 30 seconds. Internal temperature stable in 30 minutes. |
| Operating Temperature: | 0 to +40 degrees C. |

Bridge Analyzers, Inc.
5198 Richmond Road
Bedford Heights, OH 44146

Tel (510) 337-1605
Fax (216) 274-9262
sales@bridgeanalyzers.com



30-06-2016

Power: Line Voltage 85VAC - 250VAC 50/60 Hz.
 Line Power Less than 3 Watts.
 (Customer-Provides Switched Power to Internal Terminal Block)

Communication Interface: Sealed RS-232C Serial Port, 9600 baud.
 Sealed Ethernet RJ-45 Connector.

Weight: 5 Lbs.

Size: 6" W x 6" H x 4" D

Bridge Analyzers, Inc.
5198 Richmond Road
Bedford Heights, OH 44146

Tel (510) 337-1605
Fax (216) 274-9262
sales@bridgeanalyzers.com