OXIGRAF

MODEL O2L OXYGEN ANALYZER

FEATURES:

- **Corrects** measurement for pressure and temperature changes automatically.
- **Samples and displays % oxygen from 0 to 100** without range switching.
- **Single mode laser diode** absorption spectroscopy oxygen analysis.
- **Easy to calibrate** – front panel calibration with display prompting.
- **Programmable visual and audible alarms** for automated measurements.
- **Relay outputs for alarms** normally open or closed
- **Built in analog 4 to 20 mA,** 0 to 1 VDC, and digital outputs.
- **Electronic** sample gas pump and flow meter included.
- **Responds quickly (<0.2 sec)** for prompt analysis.
- **Insensitive to flow** up to 500 ml/min.

APPLICATIONS:

- Environmental oxygen level (upper and lower) explosive/flammability alarm.
- Oxygen equipment performance analysis and documentation.
- Drybox oxygen deficient atmosphere monitoring for manufacturing.
- Fuel and combustion system monitoring.
- Food packaging modified atmosphere monitoring.
- Automotive engine analysis.

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SPECIFICATIONS:

Range:	0 to 100% (two ranges) 0 to 10% and 0 to 100%.
Operating Temp.:	0 to 40°C ambient, 0 to 50°C gas.
Resolution:	0.01% (100ppm) 0 to 10%, 0.1% (0 to 100%).
Linearity:	± 0.2%
Stability (24hrs):	± 0.2%
Cross-Sensitivity:	Negligible for air mixtures and for 0 to 5% oxygen in arbitrary mixtures; user configurable above 5% oxygen.
Sample Flow:	0 to 250 ml/min adjustable.
Response Time:	Approximately 150 ms @ 200 ml/min flow; 12 electronic filter settings available.
Alarms:	2 low O2, 2 high, low flow, system OK.
4 Relays:	5 A at 240 VAC C-form (normally open or closed).
Sample Connection:	1/8 inch hose barb o-ring quick connect, or alternatives.
Dimensions:	7.5 x 3.0 x 13.0 inches (190 x 76 x 280 mm) WxHxD.
Weight:	5 pounds (2.25 kg).
Dimensions:	7.5 X 3 X 14 inches W X H X D.
Warranty:	One year repair or replace - limited warranty.
Software:	Plot and graph routines for Excel spreadsheets, LabView applications.

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