



Technical Specifications *

Accuracy:	< 2% of FS range under constant conditions
Analysis:	0-1%, 0-5%, 0-10%, 0-25% FS ranges; auto-ranging or fixed single range
Application:	Oxygen analysis in inert, hydrocarbon, helium, hydrogen, mixed and acid (CO ₂) gas streams
Area Classification:	General purpose
Alarms:	Two user configurable alarms: magnetic coil relays rated 3A at 100 VAC, field programmable alarm time delays, alarm bypass for calibration and system fail alarm
Calibration:	3 month interval using air or certified span gas with O ₂ approximating 80% of full scale range balance N ₂
Compensation:	Barometric pressure and temperature
Connections:	1/8" compression tube fittings
Controls:	Water resistant keypad; menu driven range selection, calibration and system functions
Display:	Graphical LCD 2.75" x 1.375"; resolution 0.001%; displays real time ambient temperature and pressure
Enclosure:	Fiberglass NEMA 4X, 4 x 9 x 3", 8 lbs.
Flow Sensitivity:	Not flow sensitive, 1-2 SCFH recommended
Linearity:	±1% of full scale
Pressure:	Inlet - regulate to 5-30 psig to deliver 1-2 SCFH flow; vent - atmospheric
Power:	12-24 VDC non-loop or 110-220 VAC
Response Time:	90% of final reading in 13 seconds
Sample System:	None
Sensitivity:	< 0.5% of FS range
Sensor Model:	GPR-11-32-4 for non-acid (CO ₂) gas streams; XLT-11-24-4 for gases containing > 0.5% CO ₂
Sensor Life:	GPR-11-32-4 32 months in air at 25°C and 1 atm XLT-11-24-4 32 months in air at 25°C and 1 atm
Signal Output:	4-20mA non-isolated or 1-5V; optional Modbus
Operating Range:	0°C to 45°C (GPR sensor), -10° to 45°C (XLT sensor)
Warranty:	12 months analyzer; 12 months sensor
Wetted Parts:	Stainless steel

Optional Equipment

Sample conditioning system - Contact factory.

* Subject to change without notice



GPR-2500 A Oxygen Analyzer

**12-24 VDC Non-Loop or 110-220 VAC
Powered Oxygen Analyzer**

**Advanced Galvanic Sensor Technology with
Optional Sample Systems**

**2 Field Selectable Alarm Setpoints
12-24 VDC or 110-220 VAC Power
4-20 mA Signal Output
Sensitivity 0.5% Full Scale
4 Ranges Standard
Auto Ranging or Single Fixed
Stainless Steel Wetted Parts**

**ISO 9001:2008 Certified
INTERTEK Certificate No. 485**

