



Technical Specifications *

Accuracy:	< 2% of FS range under constant conditions
Analysis:	0-10, 0-100, 0-1000 PPM, 0-1%, 0-25% (CAL) FS Auto-ranging or manual lock on a single range
Application:	Oxygen analysis in inert, hydrocarbon, helium, hydrogen, mixed and acid (CO ₂) gas streams
Area Classification:	General purpose
Calibration:	3 month interval using certified span gas (preferred for fastest online time) or air with of O ₂ approximating 80% of full scale range balance N ₂
Compensation:	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 0.01 PPM; dis- plays real time ambient temperature and pressure
Enclosure:	Painted aluminum 4 x 9 x 3", 10 lbs.
Flow Sensitivity:	Not flow sensitive, 1-2 SCFH recommended
Linearity:	±1% of full scale
Operating Range:	-10°C to 45°C
Pressure:	Inlet - regulate to 5-30 psig to deliver 1-2 SCFH flow; vent - atmospheric
Power:	18-28 VDC
Recovery Time:	30 seconds in air to < 10 PPM in < 1 hour on N ₂ purge
Response Time:	90% of final reading in 10 seconds
Sample System:	None
Sensitivity:	< 0.5% of FS range
Sensor Model:	GPR-12-333 for non-acid (CO ₂) gas streams; XLT-12-333 for gases containing > 0.5% CO ₂
Sensor Life:	24 months in < 1000 PPM O ₂ at 25°C and 1 atm
Signal Output:	4-20mA
Warranty:	12 months analyzer; 12 months sensor
Wetted Parts:	Stainless steel



GPR-1500 **PPM Oxygen Transmitter**

2 Wire Loop Powered O₂ Transmitter
With Optional Sample Systems

Advanced Sensor Technology

- Fast Recovery to < 10 ppm
- Excellent Compatibility in 0-100% CO₂
- Extended Operating Temperature -20°C

12-24 VDC Loop Power

4-20 mA Signal Output

Sensitivity 0.5% Full Scale

4 Ranges Standard

Auto Ranging or Single Fixed

Stainless Steel Wetted Parts

Optional Equipment

Sample conditioning system - Contact factory.

* Subject to change without notice

ISO 9001:2008 Certified
INTERTEK Certificate No. 485

