



**Technical Specifications \***

- Accuracy: < 2% of FS range under constant conditions, e.g. constant temperature, flow rate and ambient pressure
- Analysis: 0-100% FS range
- Application: Continuous monitoring of oxygen levels up to 100% O<sub>2</sub>
- Area Classification: General purpose
- Calibration: 3 month interval using air or certified span gas with O<sub>2</sub> approximating 95-100% of full scale range balance N<sub>2</sub>
- 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 0.1%; displays real time ambient temperature and pressure
- Enclosure: Painted aluminum, 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 two wire loop
- Response Time: 90% of final reading in 13 seconds
- Sample System: None
- Sensitivity: < 0.5% of FS range
- Sensor Model: GPR-11-120-RTS
- Sensor Life: 24 months in 100% O<sub>2</sub> at 25°C and 1 atm
- Signal Output: 4-20mA
- Operating Range: -20° to 45°C
- Warranty: 12 months analyzer; 12 months sensor
- Wetted Parts: Stainless steel

**Optional Equipment**

Sample conditioning system - Contact factory.

\* Subject to change without notice



**GPR-3500 MO  
Portable Oxygen Purity  
Analyzer**

Advanced Galvanic Sensor Technology

- Proprietary Long Life Sensor
- 24 Months @ 100% Oxygen
- Sensitivity 0.5% Full Scale
- Rechargeable Battery Power
- Barometric Pressure Compensated
- Unaffected by Vibration & Motion
- Designed for Industrial Use

ISO 9001:2008 Certified  
INTERTEK Certificate No. 485

