



Technical Specifications *

Accuracy:	< 2% of FS range under constant conditions
Analysis Ranges:	0-1%, 0-5%, 0-10%, 0-25% FS Auto-ranging or manual lock on a single range
Application:	Oxygen analysis from 0.05% to 100% in inert, helium, hydrogen, mixed and acid (CO ₂) gas streams
Area Classification:	General purpose
Calibration:	Certified gas of O ₂ balance N ₂ approximating 80% of range of analysis or one range higher
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 .001% on 0-1 range
Enclosure:	Painted aluminum NEMA 4X, 8.6 x 9 x 3", 12 lbs.
Flow Sensitivity:	None between 0.5-5 SCFH, 2 SCFH recommended
LED Indicators:	LOW BATT (72 hr. warning); CHARGE mode
Linearity:	> .995 over all ranges
Pressure:	Inlet - regulate to 5-30 psig; vent - atmospheric
Power:	Rechargeable battery, 60 day duty cycle (pump 8 hours)
Response Time:	90% of final FS reading in 10 seconds
Sample System:	None
Sensitivity:	< 1% of FS range
Sensor Model:	GPR-11-32-RT (0.05% or 500 PPM offset); 36 months life GPR-11-21-RT (0.01% or 100 PPM offset); 9 months life
Sensor Life:	As above in air (20.9% O ₂) at 25°C and 1 atm
Signal Output:	0-1V FS
Temp. Range:	5° to 45°C (GPR sensor), -20° to 45°C (XLT sensor)
Warranty:	12 months analyzer; 12 months sensor ex. GPR-11-21-RT
Wetted Parts:	Brass fittings, stainless steel flow housing and tubing

Optional Equipment

XLT-11-24-RT sensor for gas mixtures with > 0.5% CO₂; 24 months life

PI-2166-4 Integral sampling pump

CC-1030 Carrying case with custom foam insert

Sample conditioning accessories - contact factory

* Subject to change without notice.



GPR-2000 GP **Portable O₂ Analyzer** **Battery Powered Oxygen Analyzer**

ISO 9001:2008 QA System
INTERTEK Certificate No. 485



Advanced Sensor Technology
Sensitivity 0.05% (50 PPM)

36 Month Expected Life

Excellent Compatibility with CO₂

Auto Ranging

No Maintenance

Designed for Industrial Use