



Technical Specifications *

Accuracy:	< 2% of FS range under constant conditions
Analysis Ranges:	0-1000 PPM, 0-1%, 0-25% (CAL) FS Auto-ranging or manual lock on a single range
Application:	Oxygen analysis down to 0.1 PPM 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 .01 PPM on 0-10 PPM 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)
Recovery Time:	60 seconds in air to < 100 PPM in < 15 minutes on N ₂ purge
Response Time:	90% of final FS reading in 10 seconds
Sample System:	None
Sensitivity:	< 1% of FS range
Sensor Model:	GPR-12-100-M
Sensor Life:	24 months at 25°C, 1 atm with average O ₂ < 1,000 PPM
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
Wetted Parts:	Brass fittings, stainless steel flow housing and tubing

Optional Equipment

- XLT-12-100-M sensor for analysis of a gas mixture with > 0.5% CO₂
- 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-1000 GP **Portable PPM O₂ Analyzer** **Battery Powered PPM Oxygen Analyzer**

ISO 9001:2008 QA System
INTERTEK Certificate No. 485



The Most Cost Effective Portable PPM Analyzer

Advanced Sensor Technology

Recovers from Air to 100 PPM < 15 Minutes

Sensitivity 0.5 PPM (500 PPB)

24 Month Expected Life

Excellent Compatibility with CO₂

No Maintenance

Designed for Industrial Use