



Technical Specifications *

Accuracy:	< 2% of FS range under constant conditions
Analysis Ranges:	0-1, 0-10, 0-100, 0-1000 PPM FS ranges; Auto-ranging or manual lock on a single range
Application:	Oxygen analysis in inert, helium, hydrogen and mixed gas streams
Area Classification:	General purpose
Calibration:	3 month interval using certified span gas with O2 value approximating 80% of full scale range balance N2
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 .01 PPM
Enclosure:	Painted aluminum NEMA 4X, 8.6 x 9 x 3", 12 lbs.
Flow:	Sensitive; recommended flow rate 2 SCFH
LED Indicators:	LOW BATT (72 hr. warning); CHARGE mode
Linearity:	> .995 over all ranges
Pressure:	Inlet - regulate to 5-30 psig to deliver 2 SCFH flow; vent - atmospheric
Power:	Rechargeable battery, 60 day cycle, 8 hrs with pump
Recovery Time:	2 minutes at 9 PPM to 10 PPB in < 10 min on N2 purge 30 seconds in air to < 1 PPM in < 45 min on N2 purge
Response Time:	90% of final FS reading in 10 seconds
Sample System:	Flow control and sample/bypass valves; flow indicator
Sensitivity:	< 0.5% of FS range
Sensor Model:	GPR-12-2000MS
Sensor Life:	24 months in < 100 PPM O2 at 25°C and 1 atm
Signal Output:	0-1V FS
Temp. Range:	5° to 45°C
Warranty:	12 months analyzer; 12 months sensor
Wetted Parts:	Stainless steel

Optional Equipment

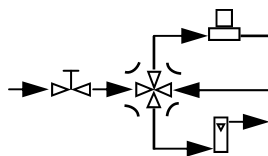
- Carrying case with custom foam insert
- Sample conditioning - pump, filter, scrubbers - contact factory

* Subject to change without notice.



GPR-1200 MS Portable PPB O₂ Analyzer

Rechargeable Battery Powered



Integral stainless steel bypass sample system significantly increases user productivity. The bypass valve isolates the sensor from high oxygen levels when changing sample lines.

Innovative Sensor Technology

- > Fast Recovery to < 1 PPM from Exposure to Air
- > Unmatched Performance
- > Unmatched Sensor Life and Warranty
- > Excellent Stability

Sensitivity 0.5% Full Scale

Auto Ranging or Fixed Single

0-1 V Signal Output

Operates in Charging Mode

Low Battery Warning LED

Stainless Steel Wetted Parts

ISO 9001:2008 Certified
INTERTEK Certificate No. 485

