



Technical Specifications *

Accuracy:	< 2% of FS range under constant conditions
Analysis Ranges:	0-1%, 0-5%, 0-10%, 0-25% (CAL) FS Auto-ranging or manual lock on a single range
Application:	Oxygen analysis in inert, helium, hydrogen, mixed and acid (CO ₂) gas streams
Approvals:	Certified for use hazardous areas - see lower right
Area Classification:	Class I, Division 1, Groups C, D
Calibration:	3 month interval using air or certified span gas of O ₂ approximating 80% of full scale range balance N ₂
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 .001%
Enclosure:	Painted aluminum, 4 x 9 x 3", 10 lbs.
Flow:	Not 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
Response Time:	90% of final FS reading in 10 seconds
Sample System:	None; optional integral sample pump and panel mounted flow meter and/or coalescing filter
Sensitivity:	< 0.5% of FS range
Sensor Model:	GPR-11-32-RTS for non-acid (CO ₂) gas streams XLT-11-24-RTS for gas mixture with > 0.5% CO ₂
Sensor Life:	GPR-11-32-RTS 32 months in air at 25°C and 1 atm XLT-11-24-RTS 24 months in air 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
Wetted Parts:	Stainless steel flow housing, tubing and fittings

Optional Equipment

- Carrying case with custom foam insert
- Sample conditioning - contact factory

* Subject to change without notice.

ATEX Certified for Hazardous Areas



GPR-2000 ATEX **Portable O₂ Analyzer** Rechargeable Battery Powered

Optional Integral Pump
Advanced Sensor Technology

- > Sensor Life, Warranty and Performance is Unmatched
- > Excellent Compatibility in 0-100% CO₂
- > Extended Operating Temperature -20°C

Sensitivity 0.5% Full Scale

ATEX Certified - Directive 94/9/EC
Examination Cert: INERIS 10ATEX0020



II 2 G
Ex ib IIB T4
T_{amb} -20°C to +50°C



0080

ISO 9001:2008 Certified
INTERTEK Certificate No. 485





Technical Specifications *

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Analysis Ranges:	0-1%, 0-5%, 0-10%, 0-25% (CAL) FS Auto-ranging or manual lock on a single range
Application:	Oxygen analysis in inert, helium, hydrogen, mixed and acid (CO ₂) gas streams
Area Classification:	General purpose
Calibration:	3 month interval using air or certified span gas of O ₂ approximating 80% of full scale range balance N ₂
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 .001%
Enclosure:	Painted aluminum, 4 x 9 x 3", 10 lbs.
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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, plastic

Optional Equipment

- Carrying case with custom foam insert
- Sample conditioning - contact factory

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GPR-2000

Portable O₂ Analyzer

Rechargeable Battery Powered

Optional Integral Pump
Advanced Sensor Technology

- > Unmatched Sensor Life, Warranty and Performance
- > Excellent Compatibility in 0-100% CO₂
- > Extended Operating Temperature -20°C

Sensitivity 0.5% Full Scale

4 Ranges Standard

Auto Ranging or Fixed Single

0-1 V Signal Output

Operates in Charging Mode

Low Battery Warning LED

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INTERTEK Certificate No. 485

