



GPR-1100 GENERAL PURPOSE PORTABLE PPM O₂ ANALYZER

General purpose portable PPM oxygen analyzer, 0-10 PPM low range, Quick Disconnect sample and vent fittings, measures O₂ concentrations from low PPM to 1%.

Features

- proprietary galvanic type oxygen sensor
- field proven reliability
- 12 month operating life with no periodic maintenance
- user friendly digital electronics
- stainless steel housing
- Quick Disconnect sample and vent fittings



This analyzer is equipped with quick-disconnect fittings for ease of use and locking the sensor in inert atmosphere when analyzer not in use

TECHNICAL SPECIFICATIONS

Accuracy:	+/-2% of FS	Analysis Ranges:	0-10, 0-100, 0-1000 PPM, 0-1%, 0-25% FS
Application:	Oxygen analysis in N ₂ , Ar, He, H ₂ , mixed and CO ₂ gas streams	Approvals:	CE
Area Classification:	General purpose	Calibration:	Certified span gas
Compensation:	Barometric pressure and temperature	Connections:	1/8" quick disconnect
Controls:	Water resistant keypad; menu driven	Display:	LCD 2.75 x 1.375"; resolution .01 PPM
Enclosure:	Painted aluminum NEMA 4X, 4" x 9" x 3", 8 lbs.	Flow:	Recommended 1-2 SCFH
LED Indicators:	LOW BATT (72 hr. warning); CHARGE mode	Linearity:	> .995 over all ranges
Pressure:	Inlet – regulate to deliver recommended flow rate; vent – atmospheric	Power:	Rechargeable battery, 60 day cycle
Recovery Time:	60 sec in air to < 10 PPM in < 1 hour on N ₂ purge	Response Time:	90% of final FS reading in 10 seconds
Sample System:	None; SS quick disconnect fittings	Sensitivity:	< 0.5% of FS range
Sensor Model:	GPR-12-333	Sensor Life:	24 months
Signal Output:	0-1V FS	Temp. Range:	5° to 45°C
Warranty:	12 months analyzer; 12 months sensor	Wetted Parts:	Stainless steel

*At constant temperature and pressure

Optional Equipment	
GPR-12-233-H	Sensor for gas mixtures containing H ₂ ? >1%
XLT-12-333	Sensor for gas mixtures containing CO ₂ >0.5%
Data Logger	Internal data logger