GPR-1500 A PPM O2 ANALYZER

PPM oxygen analyzer measures O2 concentrations from 100 PPB to 1%. Features an advanced galvanic oxygen sensor, a 24 month operating sensor life, no periodic maintenance required, menu driven controls, and, two (2) field selectable alarm set points.

TECHNICAL SPECIFICATIONS

Accuracy:	< 2% of FS range under constant conditions	**Analysis:**	0-10 PPM, 0-100 PPM, 0-1000 PPM, 0-1%, 0-25% (air calibration only) FS ranges; auto or fixed ranging
Application:	Oxygen analysis in inert, hydrocarbon, helium, hydrogen, mixed and acid (CO2) gas streams	**Area Classification:**	General purpose
Alarms:	Two user configurable alarms: magnetic coil relays rated 3A at 100 VAC, field programmable alarm time delays, alarm bypass for calibration and system fail alarm	**Calibration:**	Air or certified span gas of O2 balance N2 approximating 80% of range above analysis range recommended
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 0.01 PPM; displays real time ambient temperature and pressure
Enclosure:	Fiberglass NEMA 4X, 14"x10"x5″, 8 lbs.	**Flow Sensitivity:**	None between 0.5-5 SCFH, 1-2 SCFH recommended
Linearity:	±1% of full scale	**Pressure:**	Inlet – regulate to 5-30 psig to deliver 1-2 SCFH flow to transmitter; vent – atmospheric
Power:	12-24 VDC non-loop power	**Recovery Time:**	60 seconds in air to < 10 PPM in < 1 hour on N2 purge
Response Time:	90% of final reading in 10 seconds	**Sample System:**	None
Sensitivity:	< 0.5% of FS range	**Sensor Model:**	GPR-12-333 for inert gases; XLT-12-333 for gases containing > 0.5% CO2
Sensor Life:	24 months at 25ºC and 1 atm.	**Signal Output:**	4-20mA
Operating Range:	Recommended -10 ºC to 45ºC (GPR sensor), -20ºto 45ºC (XLT sensor)	**Warranty:**	12 months analyzer; 12 months sensor
Wetted Parts:	Stainless steel		

Optional Equipment	
Heading1	Value 1
Heading 2	Value 2
Heading 3	Value 3
Heading 4	Value 4
Heading 5	Value 5
Heading 6	Value 6
Heading 7	Value 7