



Analytical Industries Inc.
Advanced Instruments Inc.

GPR-12-333 PPM OXYGEN SENSOR

GPR-12-333 PPM O₂ sensor is ideal for measuring oxygen 0-10 PPM in a gas mixture. This innovative sensor design carries over many of the features of the traditional galvanic oxygen sensor but poses much higher sensitivity, stability and high signal to noise ratio with 24 months operating life thus offering effective analyzer solution for measuring low levels PPM oxygen analysis

This sensor is specifically designed to for Advanced Instruments, Inc., trace oxygen analyzer, explosion proof, intrinsically safe transmitters and portable analyzers.

GPR-1600
GPR-1200
GPR-1100
GPR-18
GPR-1800 Series
GPR-1500 Series



TECHNICAL SPECIFICATIONS

Accuracy:	+/-2% FS under constant conditions
Sensitivity:	0.01 PPM
Low range:	0-10 PPM full scale
Response time:	90% of full scale in < 13 seconds
Recovery to:	10 PPM from air calibration in 45 minutes
Expected life:	24 months in normal applications

Salient Features: The unique design of GPR series PPM and percent oxygen sensors represent the only real innovations in the electro-chemical sensor technology in decades. Applying this advanced technology to traditional sensors produced a new generation of trace PPM O₂ Sensors and percent O₂ Sensors that can be readily applied to a wide range of applications in the industrial process control, natural gas, medical, diving and personnel safety markets.

Quality, a critical element of customer satisfaction, is taken very seriously at Analytical Industries Inc. All products are manufactured under an independently certified Quality System that complies with ISO 9001:2008, MDD/93/42 EEC (European CE), ISO 13485:2003 (Health Canada) and FDA regulatory standards. To further ensure the confidence of our global customer base, analyzers designed for use in hazardous areas are independently ATEX and/or UL (pending) certified