



Analytical Industries Inc.
Advanced Instruments Inc.

XLT 12-333 PPM OXYGEN SENSOR

XLT-12-333 PPM oxygen sensor uses a proprietary electrolyte that demonstrates excellent compatibility with gas streams containing up to 100% of carbon dioxide (CO₂). This sensor has become a standard for measuring oxygen contamination in beverage grade CO₂ and natural gas streams. Required for continuous exposure to gases containing CO₂ levels >0.5%, the XLT sensor also features an extended operating temperature range down to -10°C.

Exhibit superior stability at low PPM oxygen levels, faster recovery from excursions to high oxygen concentrations and a longer service life than traditional sensors.



TECHNICAL SPECIFICATIONS

*Accuracy:	+/-2% FS
Sensitivity:	<0.1 PPM
Low range:	0-10 PPM full scale
Response time:	90% of full scale in less than 10 sec
Expected life:	24 months in normal applications
Recovery to:	Air to less than 100 PPM in 5 minutes

*At constant temperature and pressure

Salient Features: Proprietary electrolyte in this oxygen sensors represent the real innovations in the electro-chemical oxygen sensor suitable for measuring low ppm oxygen in gas mixtures containing any level of carbon dioxide. Sensor can be readily applied to a wide range of applications in the industrial process control, air fraction industries and beverage industries.

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