

GS-32-A % Oxygen Sensor is a direct replacement to AII Model GPR-11-32 % O₂ sensor, used in GPR-2500, GPR-2600 and GPR-28 analysers. It has a 32 month sensor life in air. Its signal output range is 40-60uA in air at ambient temperature. Its proprietary electrolyte formulation ensures full utilization of the Pb anode, thus providing longer life without signal drift and minimizing periodic calibration requirement. The sensor was designed and developed in the USA and is manufactured in Taiwan.



GS-32-A replaces: Analytical Industries Inc., GPR-11-32
AST SRX-CA32

Specifications*

Sensor Technology	Galvanic Type Micro Fuel Cell
Measuring Range	0 to 100 Percent Oxygen
Signal Output ¹	40-60 uA
Response Time T90	13 seconds
Accuracy ²	+/- 1% of signal
Drift ²	< 2%
Linearity	+/- 1%
Repeatability	+/- 0.5%
Temperature Coefficient	2.0% / °C
Operating Temperature	0 to 50°C
Storage Temperature	5 to 35°C
Recommended Flow Rate	0.5 - 5 SCFH
Humidity Non-Condensing	0 - 99% RH
Expected Life ³	32 months
Recommended Storage	6 months
Warranty ⁴	12 months
PCB Connections	Center Negative Outer Positive

Note: GS-32-A is packaged in a polyethylene bag. Do not expose sensor to temperatures above 50 °C for an extended period. Doing so may have a negative impact on its performance and life.

1. Signal Output measured in air at 25°C at atmospheric pressure.
2. At constant temperature and pressure.
3. At ambient temperature and pressure, and oxygen content less than 21%.
4. AUT warrants the sensor for 12 months to be free from defects in materials and workmanship. AUT will not be held liable for sensor damaged due to customer neglect.

* Specifications are validated during design and are subject to change without notice.