



Pressure Tested O₂ Sensors for Rebreathers

Pre-qualified Linearity from 1.0 to 10.0 ATA

New !!



Beginning in the first quarter of 2009, Analytical Industries Inc. will roll out the industry's first quality control program to pressure test every oxygen sensor designed for Rebreather applications.

The program establishes the performance of the oxygen sensor is linear from 1.0 ATA to 10.0 ATA before the sensor can be accepted for shipment.

Simulating the descent of a diver using a Rebreather, the test apparatus applies the appropriate amount of pressure, records the sensor's output at the new pressure and documents the performance of each oxygen sensor as illustrated to the right.

An individual test report, see sample at right, will be furnished with every oxygen sensor shipped.

Model: PSR-11-39-MD

Serial No: 81012345

Date: 10-14-2008

Pressure	Output	Result
0.0 ATA	13.3 mV	PASS
2.0 ATA	40.4 mV	PASS
4.0 ATA	64.4 mV	PASS
6.0 ATA	90.4 mV	PASS
8.0 ATA	125.8 mV	PASS

Cal. Gas 20.9% O₂





PSR-11-33-N



PSR-11-33-NM



PSR-11-39-BS



PSR-11-39-MD



PSR-11-75-D

***Advanced Oxygen Analysis
O₂ Sensors for Re-Breathers***

Excellent Accuracy & Stability

Up to 5 Year Life in Air

12 Months Warranty

Reliable Quality

Unique Configurations

Excellent Customer Support

***ISO 9000:2000
Quality System***

