

Pressure Tested O₂ Sensors for Rebreathers Pre-qualified Linearity from 1.0 to 10.0 ATA



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% 02		



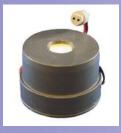


🕮 Analytical Industries Inc.



Advanced Oxygen Analysis O_z Sensors for Re-Breathers

PSR-11-33-N



PSR-11-33-NM



PSR-11-39-BS



PSR-11-39-MD



PSR-11-75-D

Excellent Accuracy & Stability

Up to 5 Year Life in Air

12 Months Warranty

Reliable Quality

Unique Configurations

Excellent Customer Support

150 9000:2000 Quality System

