



**Analytical Industries Inc.**  
**Advanced Instruments Inc.**

## PSR-11-39-JD

Replacement for De-Ox, Dive Rite, DiveTek, El Chepo, Expedition, MSA Mini Ox, Spectrum, and more....

Advanced galvanic type oxygen sensor with excellent stability and accuracy under stringent applications. All sensors are subjected to the most extensive stability test, output in air, 30" of water column pressure test and stability at 100% oxygen. The widest range of oxygen sensors offered by Analytical Industries, Inc. are "Made in USA"



### OEM Equipment:

De-Ox  
 Dive Rite VTI  
 Dive Rite VTI-580  
 DiveTek OzAnalyzer One  
 El Chepo I & II  
 Expedition-X  
 MSA Mini Ox 1 406931  
 Spectrum O2 Analyzer  
 Teledyne AD300/MD300  
 Vandagraph VN202  
 IT Gambert D-01 Sensor  
 Maxtec MAX-13 Sensor  
 Maxtec MAX-13-250 Sensor  
 MSA 406931 Sensor  
 Teledyne R-17D Sensor  
 Vascular Technology 100580 Sensor  
 Vandagraph R-17VAN Sensor



## TECHNICAL SPECIFICATIONS

Measuring Range	0-100%
Accuracy <sup>1</sup>	±2% of Full Scale
Signal Output <sup>2</sup>	9-14 mV
Linearity	±2% of Full Scale
Response T <sub>90</sub>	6 sec
Temp Coefficient	compensated
Operating Temp	0 to 45°C
Recommended Storage <sup>3</sup>	0 to 25°C
Qualified at	1.8 ATA
Shelf Life <sup>4</sup>	6 months
Humidity Non-condensing	0-99% RH
Expected Life	42 months
Warranty <sup>5</sup>	12 months
Electrical Conn	3.5 Phono Jack

**Conditions:** Specification validated during design and in pursuit of improvement are subject to change without notice<sup>1)</sup> At constant temperature and pressure.<sup>2)</sup> In air (20.9% oxygen) at 25°C and 1 atm. <sup>3)</sup> Sensor may be stored up to 55°C on an intermittent basis, for example, during transportation.<sup>4)</sup> In original Package at 25°C and 1 atm.<sup>5)</sup> Under normal operating conditions, the sensor is warranted to be free of defects in material and workmanship for the specified period provided the sensor is properly installed and operated. The sole remedy for sensor determined to be defective by Analytical Industries Inc. is limited to replacing the sensor. Analytical Industries Inc. will not be liable for buyer's negligence, misapplication, abuse or accident.