

# Oxygen Analyzers & Sensors

For use in recreational, industrial and military diving equipment.



## Unmatched Quality Control

Engineered to meet the demands of rebreather and scuba diving equipment and tested to the most exacting quality standards in the industry. Dive with confidence.

## Realistic Warranty

Sensors are warranted for up to 12 months.

## Superior Service

Our diving specialists and service engineers are well trained in the products and applications. They understand the specific needs of the diving community. Most of our diving products are available to ship within 24 hours.

# O<sub>2</sub> Sensors for Nitrox & TriMix Analyzers

## PSR-11-37-D3

**Signal Output:** 22-29 mV  
**Response Time:** 6 seconds  
**Warranty:** 12 months  
**Range:** 0-100% O<sub>2</sub>  
**OEM Sensors:**  
 Maxtex MAX-308,  
 IT Gambert D-08  
**OEM Analyzers:**  
 Analox Mini O2/O2 DII, UBS O<sub>2</sub>



## PSR-11-37-D2

**Signal Output:** 22-29 mV  
**Response Time:** 6 seconds  
**Warranty:** 12 months  
**Range:** 0-100% O<sub>2</sub>  
**OEM Sensors:**  
 Teledyne R-33D-1, Maxtec MAX-309,  
 IT Gambert D-09  
**OEM Analyzers:**  
 OMS UBS O<sub>2</sub> stick



## PSR-11-39-ATA

**Signal Output:** 7-13 mV  
**Response Time:** 6 seconds  
**Warranty:** 12 months  
**Range:** 0-100% O<sub>2</sub>  
**OEM Sensors:**  
 Analox 9100-9212-94  
**OEM Analyzers:**  
 Analox ATA Trimix Analyzer



## PSR-11-37-D2-1

**Signal Output:** 22-29 mV  
**Response Time:** 6 seconds  
**Warranty:** 12 months  
**Range:** 0-100% O<sub>2</sub>  
**OEM Sensors:**  
 Teledyne R-33D1-NUV  
**OEM Analyzers:**  
 Nuair O2 Stick,  
 Teledyne Trimix Analyzer



## PSR-11-75-KE1D

**Signal Output:** 10-14 mV  
**Response Time:** 13 seconds  
**Warranty:** 12 months  
**Range:** 0-100% O<sub>2</sub>  
**OEM Sensors:**  
 Maxtec MAX-250, Figaro KE-25  
**OEM Analyzers:**  
 Maxtec OM-25A



## PSR-11-37-D4

**Signal Output:** 7-14 mV  
**Response Time:** 6 seconds  
**Warranty:** 12 months  
**Range:** 0-100% O<sub>2</sub>  
**OEM Sensors:**  
 Oxycheq O-13  
**OEM Analyzers:**  
 Oxycheq Expedition,  
 C-squared



## PSR-11-39-MD5

**Signal Output:** 23-27 mV  
**Response Time:** 6 seconds  
**Warranty:** 12 months  
**Range:** 0-100% O<sub>2</sub>  
**OEM Sensors:**  
 OX-SNSR  
**OEM Analyzers:**  
 OMS OX-AN



## PSR-11-75-KE10D

**Signal Output:** 10-14 mV  
**Response Time:** 13 seconds  
**Warranty:** 12 months  
**Range:** 0-100% O<sub>2</sub>  
**OEM Sensors:**  
 Maxtec MAX-250+  
**OEM Analyzers:**  
 MAX O<sub>2</sub>+



# Closed Circuit Rebreather O<sub>2</sub> Sensors

Model:	PSR 11-39-MD			
Serial No.:	811502066			
Date:	11/16/18	7:11		
ATA	FO2	PO2	mV	Result
0.962	0.211	0.203	12.17	PASS
0.962	1.000	0.962	57.77	PASS
1.802	1.000	1.802	107.63	PASS



Critical application = 100% QC testing at simulated conditions.

PO2 + 2.5% confirmed at different ATA and FO2 combinations.

Proprietary automated testing system assures reliable results.

Test report accompanies every rebreather sensor shipped.

As an added precaution all sensor labels include: **"DO NOT USE AFTER DATE"**

## Proud O<sub>2</sub> Sensor Supplier for the US Navy's MK16 Rebreather used by Seal, EOD, EDU units since 1998.

### PSR-11-39-MD

**Signal Output:** 8.5-14 mV  
**Response Time:** 6 seconds  
**Warranty:** 12 months  
**Range:** 0-100% O<sub>2</sub>  
**OEM Sensors:**  
 edelweiss R-22, Maxtec MAX-12/305,  
 IT Gambert D-04  
**OEM Rebreathers/Analyzers:**  
 Kiss, Innerspace Megalodon,  
 Oxy Spy, CCR-2000, Uwatec,  
 Optima Cochran Lifeguard, Oxy2,  
 VR3, Hollis Prism, Poseidon



### PSR-11-39-rEvo

**Signal Output:** 9.5-13 mV  
**Response Time:** 6 seconds  
**Warranty:** 12 months  
**Range:** 0-100% O<sub>2</sub>  
**OEM Sensors:**  
 R-200  
**OEM Rebreathers/Analyzers:**  
 rEvo Rebreather



### PSR-11-39-XD

**Signal Output:** 8.5-14 mV  
**Response Time:** 6 seconds  
**Warranty:** 12 months  
**Range:** 0-100% O<sub>2</sub>  
**OEM Rebreathers:**  
 SF2 Rebreather



### PSR-11-39-SMB-1

**Signal Output:** 10-14 mV  
**Response Time:** 6 seconds  
**Warranty:** 12 months  
**Range:** 0-100% O<sub>2</sub>  
**OEM Sensors:**  
 APD 14, APD 16  
**OEM Rebreathers/Analyzers:**  
 APD Rebreather



# O<sub>2</sub> Sensors for Rebreathers

## PSR-11-39-MHD

**Signal Output:** 12-14 mV  
**Response Time:** 6 seconds  
**Warranty:** 12 months  
**Range:** 0-100% O<sub>2</sub>  
**OEM Sensors:**  
IT Gambert D-05  
**OEM Rebreathers:**  
Megalodon, Juergensen  
Marine Hammerhead



## PSR-11-33-NM1

**Signal Output:** 22-28 mV  
**Warranty:** 12 months  
**Range:** 0-100% O<sub>2</sub>  
**OEM Sensors:**  
Maxtec MAX-310s,  
IT Gambert D-10  
**OEM Rebreathers:**  
(magnetic); MK15/15-5,  
CCR-100



## PSR-11-39-MDSX1

**Signal Output:** 8.5-14 mV  
**Response Time:** 6 seconds  
**Warranty:** 12 months  
**Range:** 0-100% O<sub>2</sub>  
**OEM Rebreathers:**  
Submatix SCR 100 Rebreather



## PSR-11-39-JJ

**Signal Output:** 8.5-14 mV  
**Response Time:** 6 seconds  
**Warranty:** 12 months  
**Range:** 0-100% O<sub>2</sub>  
**OEM Sensors:**  
JJ-CCR, IT Gambert D-05J  
**OEM Rebreathers:**  
JJ Rebreather



## PSR-11-39-JD

**Signal Output:** 9-14 mV  
**Response Time:** 6 seconds  
**Warranty:** 12 months  
**Range:** 0-100% O<sub>2</sub>  
**OEM Sensors:**  
Teledyne R-17, Maxtec MAX-301/13,  
IT Gambert D-01  
**OEM Rebreathers/Analyzers:**  
CIS-Lunar, Dive Rite VTI,  
El Cheapo I & II, MSA Mini-Ox,  
Spectrum, Vandagraph VN202



# Nitrox O<sub>2</sub> Analyzers

## Palm O<sub>2</sub> Oxygen Analyzer

- Measuring Range: 0-100% O<sub>2</sub>
- Long battery life with 13,000 hours of use
- One touch calibration, 100% O<sub>2</sub> or air
- Ergonomic design that fits in the palm of your hand



## All-3000 Series Oxygen Analyzers

Easy to use menu driven controls. Integral tripod & mounting bracket. Calibrate with 100% O<sub>2</sub> or air, providing accurate reliable results.

- Measuring range: 0-100%
- Large backlit LCD display
- Hand-held or Bench top use
- "A": model has a remote sensor
- "HC": model has a hose connection
- "M": model has 2 adjustable alarms



# TriMix and CO Analyzers

## All 4001 Helium Oxygen Trimix Analyzer

Automatically compensates O<sub>2</sub> & He sensors for: Temperature, Pressure, Relative Humidity

- Measures: O<sub>2</sub>, He & N<sub>2</sub>
- Range: 0-100%
- Optimum accuracy
- User friendly: Large backlit LCD & One touch controls
- Displays MOD PO<sub>2</sub>, metric & imperial units
- Rechargeable battery with 16 hrs continual use
- Operates while recharging battery



## Palm CO Analyzer

- Advanced sensor technology, 0 - 25 PPM full scale
- State of the art electronics
- Accurate reliable CO readings
- Easy user interface with one touch controls
- One touch zero & span calibration
- Ergonomic design which fits in the palm of your hand

