



Rebreather & Scuba Diving Analyzers, Sensors, Accessories

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.

The Palm O₂ is ergonomically designed to fit in the palm of your hand and is the most cost effective and reliable O₂ analyzer available. Features include:

- Advanced sensor technology
- 13,000 hours of battery life
- One touch controls
- Air or 100% O₂ calibration
- Large easy to read display
- Optional auto turn off
- Wide range of accessories



**Palm O₂ D
Oxygen Analyzer**



AII-4001 Helium Oxygen Trimix Analyzer

The AII-4001 is an advanced portable analyzer utilizing proprietary algorithms to compensate the O₂ sensor for temperature and humidity and the He sensor for differences in the thermal conductivity of O₂ and N₂ which enables the AII-4001 to precisely measure any combination of He, O₂, N₂. To aid in dive planning, the MOD PO₂ @ 1.4 ATA is displayed from a large backlit LCD in either Imperial or Metric units.



**AII-3000 A
Oxygen Analyzer**



**AII-3000 AHC
Oxygen Analyzer**

The AII-3000 Series Oxygen Analyzers combine versatility with proven oxygen sensor technology. M models feature two field selectable alarm set points. HC models feature integral oxygen sensors and a built in hose connection designed for 1/4" sample tubing. All models are battery powered and have a large easy to read backlit display, and, built in bench top and pole mounting accessories.



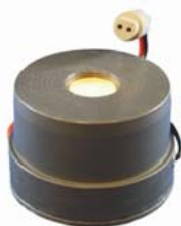
**AII-3000 M
Oxygen Analyzer**



**AII-3000 MHC
Oxygen Analyzer**

O₂ Sensors for Rebreathers

Supplier of O₂ sensors to the U.S. Navy since 1998 and other countries around the world, Analytical Industries Inc. has consulted with and supplied O₂ sensors to a growing number of rebreather manufacturers throughout the world. As a result, every rebreather sensor is qualified and its hyperoxic linearity documented prior to shipment. Learn more on back page.



PSR-11-33-NM1

Range: 0-100% Oxygen
Signal Output: 25 $\pm$ 2 mV
Response 90%: 6 sec
Warranty: 12 months

OEM Equipment

BMR-500 Rebreather
Biomarine MK15/15.5 Rebreather
CCR-1000 Rebreather
SM1000 Rebreather
SM1600 Rebreather (MK15 mod)



PSR-11-39-MD

Range: 0-100% Oxygen
Signal Output: 8.5-14 mV
Response 90%: 6 sec
Warranty: 12 months

OEM Equipment

HydroSpace Explorer
KISS Rebreather
Olympic Submarine Tech. CCR-2000
Oxy Spy



PSR-11-39-MHD

Range: 0-100% Oxygen
Signal Output: 10-14 mV
Response 90%: 6 sec
Warranty: 12 months

OEM Equipment

Cochran Lifeguard
Megalodon
Juergensen Marine Hammerhead



PSR-11-39-MD5X

Range: 0-100% Oxygen
Signal Output: 10 - 14 mV
Response 90%: 10 Sec
Warranty: 12 months

OEM Equipment

Submatix Rebreather



PSR-11-39-TDG

Range: 0-100% Oxygen
Signal Output: 10 - 14 mV
Response 90%: 10 Sec
Warranty: 12 months

OEM Equipment

Titan Rebreather



PSR-11-39-TME

Range: 0-100% Oxygen
Signal Output: 10 - 14 mV
Response 90%: 10 Sec
Warranty: 12 months

OEM Equipment

TECME Homebuilt Rebreather



PSR-11-15-2D

Range: 0-100% Oxygen
Signal Output: 23-30 μ A
Response 90%: 10 sec
Warranty: 12 months

OEM Equipment

Draeger Dolphin Rebreather
Draeger Oxyguage



PSR-11-75D

Range: 0-100% Oxygen
Signal Output: 7-13 mV
Response 90%: 13 sec
Warranty: 12 months

OEM Equipment

Kiss Sport

O₂ Sensors for Tank Checking Analyzers



PSR-11-39-JD

Range: 0-100% Oxygen
Signal Output: 8.5-14 mV
Response 90%: 6 sec
Warranty: 12 months



PSR-11-39-JD1

Range: 0-100% Oxygen
Signal Output: 8.5-14 mV
Response 90%: 6 sec
Warranty: 12 months



PSR-11-39-MD1

Range: 0-100% Oxygen
Signal Output: 25 $\pm$ 2 mV
Response 90%: 6 sec
Warranty: 12 months



PSR-11-37-52D

Range: 0-100% Oxygen
Signal Output: 49-75 mV
Response 90%: 9 sec
Warranty: 12 months



PSR-11-37-ATA

Range: 0-100% Oxygen
Signal Output: 8-12 mV
Response 90%: 9 sec
Warranty: 12 months

OEM Equipment

De-Ox

Dive Rite VT1, VT1-580

DiveTek OzAnalyzer One

El Chepo I & II

Expedition-X

MSA Mini-Ox 1 406931

Spectrum O2 Analyzer

Teledyne AD300/MD300

Vandagraph VN202

OEM Equipment

Maxtec OM25AE

OEM Equipment

ANDI Alpha 1 oxygen analyzer

BMR-500 Rebreather

Biomarine MK15 Rebreather

Biomarine MK15.5 Rebreather

CCR-1000 Rebreather

Nuvar Quickstick and Pro O2

OMS O2 Analyzer OX-ANI

SM1000 Rebreather

SM1600 Rebreather

OEM Equipment

Analox O2EII

OEM Equipment

Analox ATA Trimix Analyzer



PSR-11-37-D2

Range: 0-100% Oxygen
Signal Output: 25 $\pm$ 2 mV
Response 90%: 6 sec
Warranty: 12 months



PSR-11-37-D3

Range: 0-100% Oxygen
Signal Output: 25 $\pm$ 2 mV
Response 90%: 6 sec
Warranty: 12 months



PSR-11-37-D4

Range: 0-100% Oxygen
Signal Output: 7 - 13mV
Response 90%: 6 Sec
Warranty: 12 months



PSR-11-37-D7

Range: 0-100% Oxygen
Signal Output: 25 $\pm$ 2 mV
Response 90%: 6 sec
Warranty: 12 months



PSR-11-75-KE10+

Range: 0-100% Oxygen
Signal Output: 10-14 mV
Response 90%: 6 sec
Warranty: 12 months

OEM Analyzer

Analox Mini O2

Undersea Breathing Systems O2 Stick

OMS Oxygen Analyzer (old)

Under Breathing Systems

OEM Analyzer

Analox Mini O2

Analox Mini O2-II

OMS Oxygen Analyzer (old)

Scuba Pro Oxygen

Undersea Breathing Systems

OEM Equipment

Expedition

PRO-1

MSA Mini OX IV (internal)

Agysmal Tek Chk

Vandagraph VN202

OEM Analyzer

Analox (O2 D11)

OMS (original)

Undersea Breathing Systems O2 Stick

ScubaPro

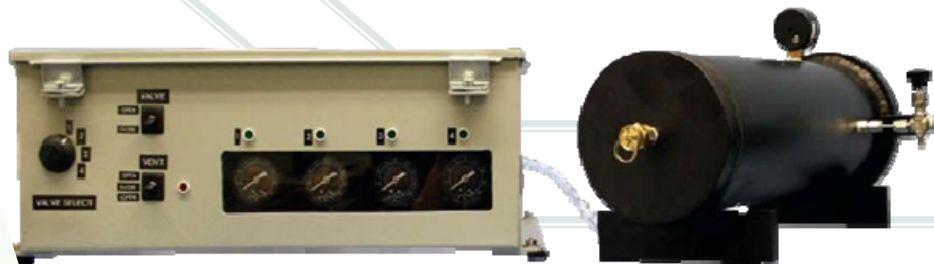
OEM Analyzer

Maxtec OMO₂+A Analyzer



Quality

Our O₂ sensors are engineered for use in a dive environment. Every O₂ sensor is subjected to stringent quality assurance program that checks the output and stability of each 3-4 times during the manufacturing process. Our Quality Assurance Program is certified annually and complies with ISO 9001:2008 and medical device regulations in the U.S., Europe and Canada. Dive with confidence!!



Model: PSR-11-39-MD
Serial No.: 10916793
Date: 09/27/11 13:00

ATA	FO ₂	PO ₂	mV	Result
0.962	0.208	0.200	12.32	PASS
0.961	0.995	0.956	59.54	PASS
1.871	0.995	1.862	114.49	PASS

Dalton's Law: ATA x FO₂ = PO₂

Certified Quality . . . This test report accompanies every rebreather O₂ sensor sold and is traceable to each unique serial number. It is your certification that every sensor shipped has demonstrated a stable output in air (20.9%), a linear and stable output at both 100% oxygen and when pressurized to 1.8 ATM (using the proprietary test equipment pictured above).

ISO 9001:2008 Certified
INTERTEK Certificate No. 485



Accessories



A-3676 Adapter,
1/8" Tube to Sensor



TUBE-1018 Tubing,
1/8" x 3'



A-3609 Adapter,
Dome to 1/8" Tube



A-3388 Adapter,
Dome to Sensor



A-3675 Adapter
5/32" Tube to Sensor



A-3671 Adapter, BC with
Restrictor to Sensor



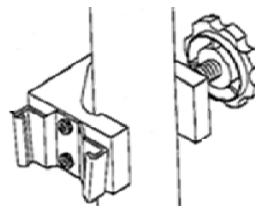
A-3673 BC with
Restrictor to 1/8" Tube



FITN-1112-1
Flow Diverter

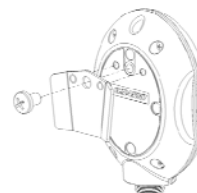


FITN-1009
Tee Adapter



HRWR-1075 Dovetail
Clamp Pole or Shelf

A-3657-1 Dovetail Mounting Kit



A-3657 Dovetail Bracket
HRWR-1162 Screw 1/4-20 x 3/8"