


PRO OX[®]-100 Kit

PROGRAMMABLE DIGITAL OXYGEN MONITOR

 MADE IN THE USA

 Schweisstechnik
Weldingsystems



**STATE-OF-THE-ART
TECHNOLOGY FOR
PRECISE OXYGEN
MONITORING**

100 PPM

CE APPROVED

Das tragbare, programmierbare digitale Restsauerstoffmessgerät von Aquasol wurde entwickelt, um Anwendern Messwerte der Sauerstoffkonzentration mit höchster Genauigkeit zur Verfügung zu stellen.

Bei diesem Gerät, das auch international aufgrund seiner ausgereiften Funktionen und Kosteneffizienz Beachtung fand, handelt es sich um ein Messgerät für die Sauerstoffkonzentration beim Schweißen mit Kalibrierautomatik und integrierter Pumpe. Mit einer Messauflösung von 0,01% (100 ppm) eignet es sich ideal zum Spülen mit Schutzgas und für andere Schweißanwendungen.

Mit Stolz verweisen wir darauf, dass der CE-zugelassene Pro OX-100 am ISO-zertifizierten Produktionsstandort von Aquasol in den USA hergestellt wird.

Das Pro OX-100 bietet viele durchdachte Funktionen wie z. B. die Datenaufzeichnung, die es Schweißern ermöglicht, Echtzeitdaten kontinuierlich (in Intervallen von 15 Sekunden) aufzuzeichnen und bis zu 50 Datenpunkte nach Microsoft[®] Excel und ins Textformat zu exportieren.

KIT CONTENTS

- PRO OX[®]-100 Monitor and Sensor
- Polycarbonate Carrying Case
- Neoprene Extension Tubing (5 ft. or 1.5 m) with Quick Connect Fittings
- Stainless Steel Probe
 - » Slender 0.08" (2 mm) Diameter
- Rechargeable Battery & Charger
- USB Cable
- Support Stand
- Phillips Head Screwdriver
- Quick Instruction Card

Das Pro OX-100 verfügt darüber hinaus über ein integrierte, programmierbare Sprachauswahlfunktion mit Bildschirmanweisungen in Englisch, Spanisch, Deutsch und Portugiesisch. Da das Gerät darüber hinaus auch für verschiedene Spannungsversorgung ausgelegt und mit verschiedenen Spannungs- und Frequenzspezifikationen kompatibel ist, gilt das Pro OX-100 als das vielseitigste Restsauerstoffmessgerät für Schweißanwendungen auf dem Weltmarkt.

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MONITOR FEATURES

- 0.01% Oxygen Resolution
- Automatic Self Calibration
- Internal Pump
- Data Logging Capability: Accumulates Up to 50 Data Points
- Data Output to Computer for Recording History
- Audiovisual Alarm
- Rechargeable 9V Battery
- One Year Warranty on Unit and Sensor
- Illuminated Display
- Designed for Universal Voltage
- Programmable in Multiple Languages

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Audiovisual Alarm

Oxygen contamination is one of the most common reasons for substandard welds.

Eliminate guesswork by setting the audiovisual alarm to desired O₂ PPM value. The unit will produce an intermittent beep sound simultaneously as a green light flashes. The operator is alerted and can continue evacuating oxygen, reset the alarm or commence welding.



Rechargeable 9V Battery & Charger

Designed For Universal Voltage

The PRO OX[®]-100 is compatible with different voltage and frequency specifications from around the world. It can operate on 100VAC/60Hz, 120VAC/60Hz and 220VAC/50Hz configurations.

- Can be Used Over & Over
- Environmentally Friendly
- Save on Purchases

Self-Calibrating and Certified

- The PRO OX[®]-100 Oxygen Monitor is factory calibrated and certified, accompanied by a dated certificate of authentication

CE Designation

- The PRO OX[®]-100 is in compliance with EC Directives

Languages

Besides English, the PRO OX[®]-100 is programmable in three popular languages:

- German
- Portuguese
- Spanish

Data Logging Capabilities

Increase Accuracy With Software Reporting

- With the PRO OX[®]-100 you will be able to create permanent records of real time data (at 15 second intervals) of oxygen levels for critical welding operations

Easy-to-Use Conversion Software

- The PRO OX[®]-100 software enables the user to capture and export 50 data points in just clicks to Microsoft[®] Excel and plain text format

Convenient and Quick Data Offload

- The PRO OX[®]-100 offloads data to a PC via a convenient USB interface at a high-speed, ensuring data integrity

Features Two Sampling Modes

SPOT:

- Use this mode if the purging process requires more than 20 minutes to help save battery and time
- Use this mode for simultaneous weld applications

CONTINUOUS:

- Use this mode when permanent records are required (in conjunction with data logging)
- Use this mode when PPM is near required level

AQUASOL 03:37PM
PRO OX-100

AQUASOL 01:51PM
CALIBRATING

HANDHELD OXYGEN MONITOR PRO OX®-100 SPECIFICATIONS

Measurement Range:	0.00-21.0% Oxygen concentration by volume	Storage Temperature:	37.4°-68°F (3°-20°C)
Calibration:	20.9% (Oxygen concentration in air)	Sample Flow:	1.0 LPM maximum
Calibration Gas:	Ambient Air	Sample Pressure:	10.0 PSI (pounds-force per square inch) maximum
Display Resolution:	0.00-24.99% (2 decimal places LCD)	Power:	One 9V NiMH Cell Battery
Accuracy:	@ 99.995% Ar +/- 0.01%	Battery Life:	Up to 2 hours when operating in continuous sampling mode.
Response Time:	T ₉₀ < 15 seconds	Sensor Type:	Electrochemical Oxygen Sensor
Warm Up Time:	Negligible	Sensor Life:	12 months
Humidity:	0-95% non-condensing	Recommended Calibration Period:	Weekly, dependent upon use
Operating Temperature:	32°-122°F (0°-50°C)	PC Connection:	USB Type B

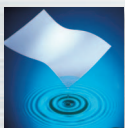
SPECIFICATIONS

PRO OX®-100 Kit Types and Sizes

ITEM NO.	DESCRIPTION	DIMENSIONS		WEIGHT	
		ENGLISH (IN)	METRIC (MM)	ENGLISH	METRIC
P-OX KIT	PRO OX-100 Oxygen Monitor & Accessories Kit	11 x 9 x 4	279 x 227 x 102	4.00 lb	182 g
P-OX KIT Euro	PRO OX-100 Oxygen Monitor & Accessories Kit with European Charger	11 x 9 x 4	279 x 227 x 102	4.00 lb	182 g
P-OX Sensor	PRO OX-100 Oxygen Sensor	1 x 1	21 x 20	0.03 lb	16 g
P-OX Batt	PRO OX-100 9V NiMH Battery	2 x 1 x 1	48 x 26 x 17	0.12 lb	54 g
P-OX Charger/US	PRO OX-100 12V NiMH Battery Charger with US Type Plug	3 x 2 x 1	8 x 60 x 25	0.10 lb	59 g
P-OX Charger/EU	PRO OX-100 12V NiMH Battery Charger with European Type Plug	3 x 2 x 1	8 x 60 x 25	0.10 lb	59 g
P-OX USB	PRO OX-100 USB Cable (72" or 1.8 m)	4 x 4 x 1	102 x 102 x 25	0.11 lb	50 g

For additional product information, quotations and ordering, please contact:

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