

PRO OX-100B Kit

HANDHELD DIGITAL OXYGEN MONITOR

U.S. & FOREIGN PATENTS PENDING

BREAKTHROUGH BLUETOOTH TECHNOLOGY

Boost Productivity
For Precise Remote
Oxygen Monitoring



MONITOR FEATURES

- Bluetooth Transmitting Capabilities
- UNLIMITED Data Logging
- Remote Viewing of Real Time Data
- Intelligent Color Notification System
- 2-Point Calibration
- Internal Pump
- Audiovisual Alarm
- Rechargeable 9V Battery
- One Year Warranty on Unit and Sensor
- Illuminated Display
- Universal Voltage
- Programmable in Multiple Languages

100 PPM

CE APPROVED

PRO OX[®]-100B Kit

BLUETOOTH ENABLED PROGRAMMABLE DIGITAL OXYGEN MONITOR



KIT CONTENTS

- PRO OX[®]-100B 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

Bluetooth Transmitting Capabilities

Remote Viewing of Real Time Data

The PRO OX®-100B comes equipped with a Bluetooth transmitting device that allows the oxygen monitor to send the oxygen readings wirelessly to a Bluetooth receivable device with Windows 10 operating system, allowing the operator to view the readings from a remote location. This permits users with the ability to access the data interface while standing up to 100 feet (30 meters) away.

Unlimited Data Logging Capabilities in Real Time

- With the PRO OX®-100B you will be able to create permanent records of UNLIMITED real time data (at 7 second intervals) of oxygen levels for critical welding operations.



Intelligent Color Notification System

- This smart system displays red, amber and green for a quick visual on operator set parameters. The traffic light's universal appearance is easy and quick for operators and inspectors to understand, reducing the chance of error.
- Acceptable oxygen levels can be customized to the user specifications.



When the oxygen content reaches the operator set MAXIMUM PPM level, the numerical value will display on a **RED** screen until the oxygen level drops.



A **YELLOW** screen is maintained when the oxygen level falls between the maximum and target.



When the oxygen content reaches the operator set TARGET PPM level, the numerical value will display on a **GREEN** screen, a visual signal that welding can commence per the operator's instructions.

Designed For Universal Voltage

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

2-Point Calibration with Certification

- The PRO OX®-100B Oxygen Monitor is factory calibrated and certified, accompanied by a dated certificate of authentication.
 - » "CAL HI" is the high point calibration and samples ambient air
 - » "CAL LO" is the low point calibration and samples 99.999% argon

CE Designation

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

Languages

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

- German
- Portuguese
- Spanish

Simply select the desired language from the menu.

Bluetooth Enabled Oxygen Monitor PRO OX[®]-100B SPECIFICATIONS

Measurement Range:	0.00-21.0% Oxygen concentration by volume	Storage Temperature:	37.4°-68°F (3°-20°C)
Calibration:	CAL HI: 20.9% Oxygen Concentration in Air by volume CAL LO: 99.999% Argon	Sample Flow:	1.0 LPM maximum
Calibration Gas:	Ambient Air and Argon Gas	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:	Upon sensor replacement ONLY
Operating Temperature:	32°-122°F (0°-50°C)	PC Connection:	Bluetooth (wireless) or USB Type B

SPECIFICATIONS

PRO OX[®]-100B Kit Types and Sizes

ITEM NO.	DESCRIPTION	DIMENSIONS		WEIGHT	
		ENGLISH (IN)	METRIC (MM)	ENGLISH	METRIC
P-OX/B KIT	PRO OX-100B Oxygen Monitor & Accessories Kit	11 x 9 x 4	279 x 227 x 102	4.00 lb	1814 g
P-OX/B KIT Euro	PRO OX-100B Oxygen Monitor & Accessories Kit with European Charger	11 x 9 x 4	279 x 227 x 102	4.00 lb	1814 g
P-OX Sensor	PRO OX-100B Oxygen Sensor	1 x 1	21 x 20	0.03 lb	14 g
P-OX Batt	PRO OX-100B 9V NiMH Battery	2 x 1 x 1	48 x 26 x 17	0.12 lb	57 g
P-OX Charger/US	PRO OX-100B 12V NiMH Battery Charger with US Type Plug	3 x 2 x 1	8 x 60 x 25	0.10 lb	60 g
P-OX Charger/EU	PRO OX-100B 12V NiMH Battery Charger with European Type Plug	3 x 2 x 1	8 x 60 x 25	0.10 lb	60 g
P-OX USB	PRO OX-100B 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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