

PRO OX-100B OXYGEN MONITOR



Kit includes

- PRO OX-100 Monitor and sensor
- Polycarbonate carrying case
- Neoprene extension tubing 1.5 m (5 FT)
- Stainless steel probe 2 mm (0.08") diameter
- Rechargeable battery & charger
- USB cable
- Support stand
- Phillips head screw driver

Part Number	Description
PROOX100B	OXYGEN MONITOR

The most advanced and CE approved oxygen monitoring device, the PRO OX-100B not only measures oxygen content down to 100 PPM (0.01%) during the purging process, but is equipped with a Bluetooth transmitting device that allows the oxygen monitor to send the oxygen readings wirelessly to a Bluetooth receivable device, operators may view the readings from a remote location.

The PRO OX-100B Bluetooth Enabled Programmable Digital Oxygen Monitor's state-of-the-art technology is patent pending enabling operators to remotely log unlimited amounts of data. Users simply pair the device with the App / Software and use the on-screen menu options. This permits users the ability to access the data interface while standing up to 100 feet (30 meters) away and observe real time data recordings.

The intelligent Colour Notification Signal System displays red, amber and green for a quick visual on operator set parameters. Operators will have the access to an easy-to-use App that will track an unlimited amount of data points. Data collected from the oxygen monitor can then be stored for an indefinite period to meet the strictest quality control requirements of nuclear and other highly regulated industries.

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PRO OX-100B OXYGEN MONITOR



Power Switch
Turns monitor on/off

Digital Backlit Display
Window provides accurate, easy to read display in a well lit or dark environment

Light Indicator of Visual Alarm

Operation Control Keypad

Monitor Housing

Quick Connect
Male fitting for neoprene tubing

Battery Indicator
Signals the need to recharge or replace batteries

Ergonomic Design
Easy to grip and fits into the palms of most hands

KIT CONTAINS:

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- Support stand
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PRO OX-100B OXYGEN MONITOR

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 30 m 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 Colour Notification System

This smart system displays red, amber and green for a quick visual on operator set parameters. Acceptable oxygen levels can be customised 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 operators instructions.

Designed for Universal Voltage

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

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

Measurement Range:	0.00-21.0% Oxygen concentration by volume	Storage Temperature:	3° - 20°C (37.4° - 68°F)
Calibration:	20.9% (Oxygen concentration in air)	Sample Flow:	1.0 LPM maximum
Calibration Gas:	Ambient Air	Sample Pressure:	10.0 PSI 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 hrs 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:	0° - 50°C (32° - 122° F)	PC Connection:	Bluetooth (wireless) or USB Type B



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