MADE IN THE USA

POM®-100B

PRECISE OXYGEN MONITOR

US & FOREIGN PATENTS ISSUED



HIGH PURITY WELDING APPLICATIONS

Precise Monitoring of Residual Oxygen Down to .01% (100PPM)

- Ideal for use in general welding applications for reducing oxidation of welds
- Extended Battery Life: 25-30 hours
- One Year Warranty on Unit & Sensor
- Long Life: Expected sensor life is > 3 years
- Smart Bluetooth Features
- Unlimited Offline Storage
- Programmable in Multiple Languages: English, German, Spanish, Portuguese and Japanese

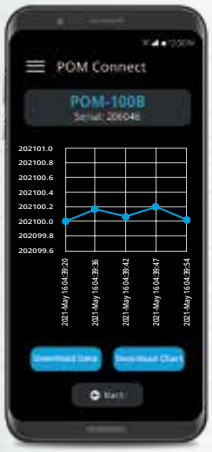
BREAKTHROUGH TECHNOLOGY

The First APP Enabled Programmable Oxygen Monitor

POM®Connect

AVAILABLE ON

Access Data in Real-Time





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Monitor Features



Quick Connect
Male Fitting Attaches to Neoprene Tubing

Large Color Display
2.8" LCD

Mute
Mutes the Internal Buzzer or Alarm

Power
Turn Monitor On/Off

Menu
Access Options

Back
Display Previous Menu

Heavy Duty Sealing Flap for Charger and USB Ports
Tightly Sealed to Prevent Dust and Water Seepage

Run
Starts the Pump to Sample Gas from Input

Up/Down Arrows



Corrosion Resistant Metal

Model Number

Rugged Construction
Dust and Water Resistant

Impact Resistant Structure
Strong Polycarbonate and Shock Resistant

Support Stand



Built-in Dust Filter
Enhances Operation in Moderate to Extremely Dusty Environments



Kit Contents

- POM®-100B with Built-in Sensor
- Polycarbonate Carrying Case
- Polyurethane Extension Tubing (5' or 1.5m) with Quick Connect and Stainless Steel Probe (6" or 15cm)
- Power Supply/Charger (US or Euro)
- USB Printer Cable
- Phillips Head Screwdriver

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Intelligent Color Notification System

POM®-100B has an Intelligent Color Notification System for a quick visual check on current oxygen levels. This visual Notification System is designed with universally recognizable colors (red, yellow, and green) that appear on the device, as well as connected phone, laptop or tablet.

"Alarm Limits" can be customized to the operator preferences.







RED indicates that the current measurement is greater than the **"Upper Alarm Limit."**

YELLOW indicates that the current measurement is between the **"Upper Alarm Limit"** & **"Lower Alarm Limit."**

GREEN indicates that the current measurement is lower than the **"Lower Alarm Limit."**

Bluetooth Transmitting Capabilities

The POM®-100B accurately measures low concentrations of oxygen in purged tubing and high purity welds, ensuring a high-quality finish. With Bluetooth transmitting capabilities, this device allows the oxygen monitor to send the oxygen readings wirelessly to a BLE-capable device with Android/iOS/Windows operating system, allowing the operator to monitor real-time readings from remote locations, permitting the ability to access the data interface while standing up to 100 feet (30 meters) away.

POM® Connect
AVAILABLE ON



Sensor Conversion Technology

Upgrade from 100PPM to 5PPM Anytime

The POM®-100B can be upgraded to the POM®-5B with factory change of the sensor. *Inquire for details.*

Designed for ultra-high purity stainless steel and other high alloy metal applications, the POM®-5B delivers precise monitoring of residual oxygen down to .0005 percent (5PPM).

Specifications

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POM®-100B

SPECIFICATIONS	RANGE
Measurement Range	0.01 - 20.9%
Display Resolution:	0.01%
Accuracy:	± 0.01%
Typical Response Time:	Approximately 60 seconds
Sensor Life:	3+ years
Operating /Storage Temperature:	-4°F to 140°F (-20°C to 60°C)
Humidity:	0-95% non-condensing
Pump Sampling Rate:	0.4 - 0.7 LPM (400 - 700 cc/min)
Maximum Input Pressure:	20 PSI
Operating Time:	25 - 30 hours
Battery Charge Time:	< 3 hours
Bluetooth Range:	Approximately 100 ft/30m
Weight:	18 oz (510 g)
Dimensions:	8.05" x 3.4" x 1.72" (20.45cm x 8.64cm x 4.37cm)

POM®-100B/POM®-5B KIT TYPES AND SIZES

ITEM NO.	DESCRIPTION	DIMENSIONS		WEIGHT	
		ENGLISH (in)	METRIC (cm)	ENGLISH (lb)	METRIC (kg)
POM 100B Kit	POM-100B Oxygen Monitor & Accessories Kit with US Charger	15 x 11 x 5	38 x 28 x 13	6.00	2.72
POM 100B KIT Euro	POM-100B Oxygen Monitor & Accessories Kit with European Charger	15 x 11 x 5	38 x 28 x 13	6.00	2.72
POM 5B Kit	POM-5B Oxygen Monitor & Accessories Kit with US Charger	15 x 11 x 5	38 x 28 x 13	6.00	2.72
POM 5B KIT Euro	POM-5B Oxygen Monitor & Accessories Kit with European Charger	15 x 11 x 5	38 x 28 x 13	6.00	2.72
POM Charger/US	POM-100B/POM-5B US Power Supply/Charger	8 x 4 x 4	20 x 10 x 10	0.40	0.18
POM Charger/EU	POM-100B/POM-5B European Power Supply/Charger	8 x 4 x 4	20 x 10 x 10	0.40	0.18
POM-Tube Assembly	POM-100B/POM-5B Polyurethane Extension Tubing (5' or 1.5m) with Quick Connect & Stainless Steel Probe (6" or 15cm)	8 x 4 x 9	20 x 20 x 23	0.65	0.30

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

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