

## POM-5B APP ENABLED OXYGEN MONITOR

Kit includes

- POM-5B Monitor
- Polycarbonate carrying case
- Polyurethane extension tubing 1.5 M (5 FT)
- Stainless steel probe 16 MM (6") diameter

| Part Number | Description    |
|-------------|----------------|
| POMOX5B     | OXYGEN MONITOR |



Aquasol has developed the first APP enabled handheld oxygen monitor for the welding industry. Compatible with Android, iOS and Windows. The APP allows users to monitor oxygen levels within a range of 30 metres from the actual oxygen monitor with Bluetooth transmitting capabilities.

Real-time monitoring improves the quality control process and improves productivity.

Aquasol POM-100B / POM-5B is a battery-powered, Bluetooth transmitting, rechargeable, handheld digital oxygen monitor with an internal pump that accurately measures oxygen concentration with 0.01% (100 PPM) / 0.005% (5 PPM) resolution. Oxygen is displaced by the purge gas to a pre-determined level set by the operator. Evacuation of oxygen is paramount in high purity welding to prevent oxidation, discoloration, and coking.

The POM-100B/POM-5B comes equipped with many advanced features such as its data logging capabilities, which allow operators to create infinite permanent records of real time data and export to Microsoft® Excel and plain text format.

With its long battery life and fast charging capabilities, operators get the most power in the least possible time. That, coupled with dust and water proof construction means it can withstand unusual and severe environmental conditions without interfering with operation of the equipment.

With "Convertible Sensor Technology," the POM-100B with 100 PPM resolution converts to the POM-5B with an extremely precise 5 PPM oxygen resolution with a simple factory addition of the sensor. This can be done after purchase as an "upgrade" affordably.

With so many advanced features, the POM-100B/POM-5B is easily the most technologically advanced weld purge monitor on the market while always giving the most accurate measurement.

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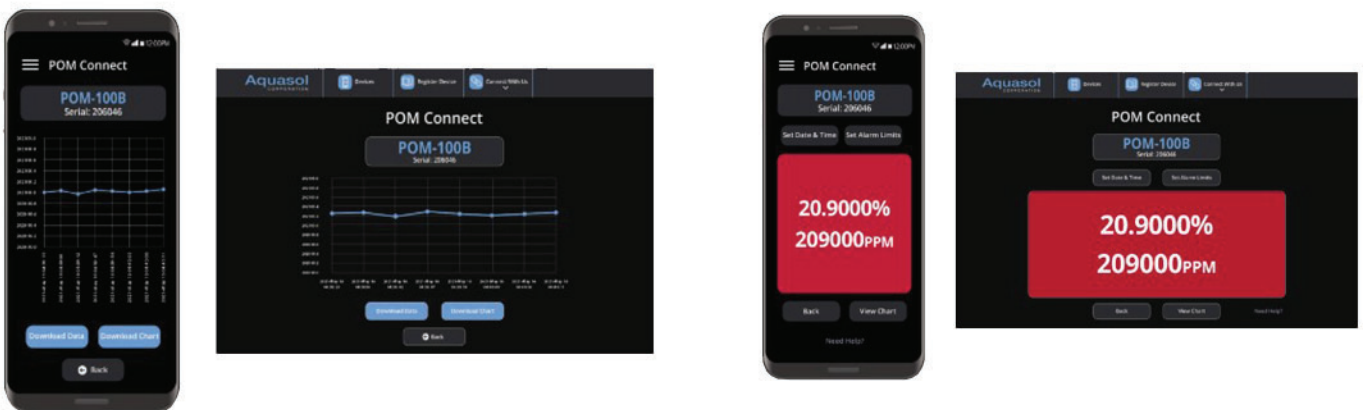


### APP Enabled Programmable Oxygen Monitor POM<sup>®</sup>-5B Specifications

|                                |                       |                                |                      |
|--------------------------------|-----------------------|--------------------------------|----------------------|
| <b>Measurement Range:</b>      | 0.00-20.9%            | <b>Humidity:</b>               | 0-95% Non-Condensing |
| <b>Display Resolution:</b>     | 0.0005% to 20.9%      | <b>Pump Sampling Rate:</b>     | 0.4 - 0.7 LPM        |
| <b>Accuracy:</b>               | ±0.002% F.S.*         | <b>Maximum Input Pressure:</b> | 20 PSI               |
| <b>Measurement Range:</b>      | 0.001 to 20.9% Oxygen | <b>Operating Time:</b>         | 8-10 hours           |
| <b>Typical Response Time:</b>  | Approx. 60 seconds    | <b>Battery Charge Time:</b>    | <3 hours             |
| <b>Sensor Life:</b>            | 3+ years              | <b>Bluetooth Range:</b>        | Approx. 30 metres    |
| <b>Operating/Storage Temp:</b> | -20°C to 60°C         | <b>Weight:</b>                 | 522 grams            |

\* Best Accuracy

## POM-5B APP ENABLED OXYGEN MONITOR



### Bluetooth APP Enabled Operation

- Real-time Operation via Android, iOS and Windows App
- The POM-100B / POM-5B is equipped with a BLE transmitting device which allows the oxygen monitor to send the oxygen readings wirelessly to any BLE device (i.e. Smartphone/Laptop).

### Unlimited Data Logging Capabilities in Real Time

With POM-100B / POM-5B you will be able to create unlimited real time records of oxygen levels for critical welding applications

- The main view contains current oxygen readings with clearly visible Intelligent Color Notification System
- Access the offline logs stored on the unit, connect the unit to the computer using the provided USB printer cable
- The unit will store a log of every data point in a CSV (comma-separated value) file with a default name of MM-DD-YY.csv.

### 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.
- Eliminate guesswork as Alarms can be set to desired O2 PPM value.
- Acceptable oxygen levels can be customized to the user specifications.

### Factory Calibrated and Certified

- The POM-100B / POM-5B Oxygen Monitor is factory calibrated and certified, accompanied by a dated certificate of authentication
- Meets requirements specified by the National Institute of Standards and Technology