

Milwaukee MW600 PRO Dissolved Oxygen Meter



SPECIFICATIONS

O₂ Range: 0.0 to 19.9 mg/L

O₂ resolution: 0.1 mg/L

O₂ Accuracy: $\pm 1.5\%$ Full Scale

Calibration: Manual on 2 points (zero and slope)

Temperature Compensation: Automatic, from 0 to 30°C

Probe: MA840 refillable polarographic probe included

Membranes: 5 included

Environment: 0 to 50°C / 32 to 122°F; max RH 95%

Battery Type: 1 x 9V alkaline (included)

Battery Life: Approx. 70 hours of continuous use

Dimensions: 5.7 x 3.1 x 1.6 inches

Weight: 7.5 ounces with battery

DESCRIPTION

The Milwaukee MW600 PRO Portable Dissolved Oxygen meter is one of Milwaukee's most popular meters with its reliable and fast operation as well as its accuracy.

The Milwaukee PRO DO Meter is preferred by people looking for lab level accuracy without the cost. The Milwaukee DO Meter is popular with everyone from field biologists and educators to fish farmers and koi pond owners.

DESIGN FEATURES

- Fast, easy-to-read results with large digital LCD readout
- Repeatable, accuracy to $\pm 1.5\%$ FS
- Lightweight and portable
- Simple 2 point open air calibration (see video below)
- Uses MA840 reinforced polarographic probe with an oxygen-permeable polytetrafluoroethylene (PTFE) membrane sensor
- 5 o-rings, membranes and one protective cap included
- 10 feet probe cable for extra flexibility when testing
- 70 hours of battery life with continuous use (battery included) with low battery warning

CARE AND USE

“OPEN AIR” CALIBRATION PROCEDURE

1. Remove the membrane

Take the membrane off the end of the probe and dry the diode off.

2. Zero out the display

Connect the probe to the base unit and turn the unit on. Your display should read 0.0. If it does not, go to the position “0” screw on the front of the unit with the screw driver provided and through the access hole make the unit display read 0.0.

3. Fill the membrane

Go to the membrane and put the “O” ring inside the membrane on the shoulder at the base of the threads. Fill the membrane to just short of the “O” ring with MA9071 electrolyte solution. Be sure that there are no bubbles inside the membrane. (Air bubbles are the main cause of calibration failure)

4. Attach the membrane

Screw the membrane on to the probe.

5. Let stabilize

Turn the meter on and hang the probe off the end of a table pointing down and let the unit display stabilize (this may take 5 to 15 minutes)

6. Adjust

Push down and hold the "Cal" button on the front face of the meter and with the screwdriver go to the front Cal position "100%" and make the display read 100.

You are now calibrated.

EXTRA TIPS

Watch for the membrane having wrinkles or stretch marks. If you see wrinkles, replace with a new membrane. •

Always use fresh electrolyte solution (MA9071). •