

## **“Open Air” Calibration Procedure for the SM 600 DO Meter**

1. Take the membrane off the end of the probe and dry the diode off.
2. 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 back of the unit with the screw driver provided and through the access hole in the back make the unit display read 0.0
3. 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 the “O” ring with MA9071 electrolyte solution. Be sure that there are no bubbles inside the membrane.
4. Screw the membrane on to the probe.
5. 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 min. )
6. Push down and hold the “Cal” button on the front face of the meter and with the screwdriver go to the front Cal position and make the display read “100.

You are now calibrated

Watch for the membrane having wrinkles are stretch marks -- if you see these use a new membrane

Hope this information is helpful

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