Photographic Flow Chart on Use of Millipore Filtration Apparatus

The Millipore apparatus is composed of two chambers and a syringe connected by plastic tubing.
Be sure you have all the parts of the Millipore filter set
Push the unit with the filter support onto the receiver flask.

Place the filter (thin sheet with blue grid) on the filter support.
Screw the funnel tightly onto the base. Be sure it is seated correctly. After adding the liquid to be filtered, place the funnel cover on the funnel.
Be sure the syringe is correctly attached.
Pulling the plunger will create a vacuum in the lower container and the liquid will flow into it. Any bacteria will be caught on the Millipore filter.
Prepare the Petri dish by placing the thick white disk in it and adding Endobroth solution.

After filtering the liquid, remove the filter from the support with forceps.
Place the filter carefully onto the absorbent pad. Note that the blue plastic disk is NOT placed on the filter support or in the Petri dish. It is a separator only and should be discarded. Cover the Petri dish and store as directed.
This is the Dissolved Oxygen Meter. Be sure that the correct probe is tightly screwed into the meter.
Use the small knob on the lower right to read the temperature from the meter on the upper left. Set the large knob on the upper right to the temperature you record, then move the small knob to read the oxygen from the meter.