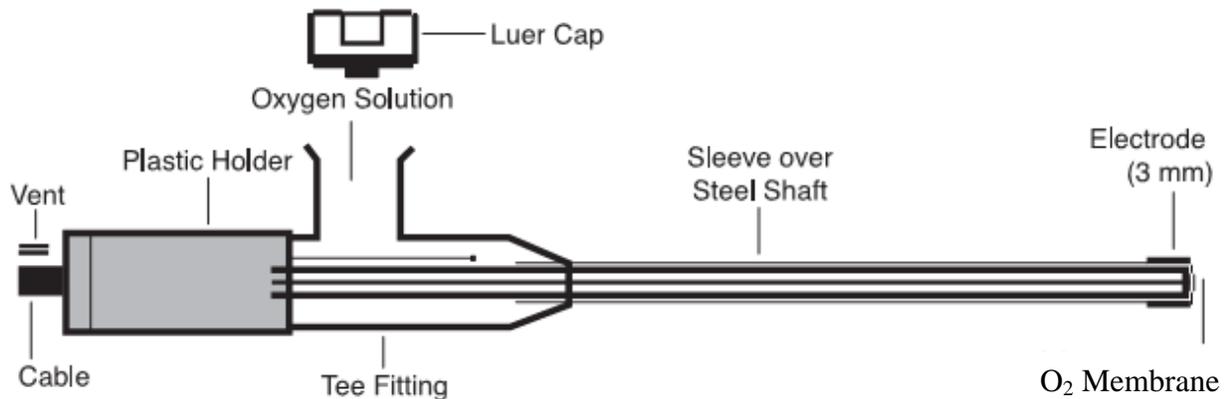


IC-901: Oxygen Electrode



Calibration and Use:

1. Connect O₂ electrode to the BNC connector of a standard O₂ meter.
2. Apply a voltage of negative 0.8V and record the current for various percentages of O₂. Then produce a calibration curve for % O₂ vs. current recorded on the O₂ meter.
3. The calibration curve can be generated by using two known concentrations of O₂ standards.

Characteristics:

1. Response Time: About 30 seconds in a well stirred solution.
2. Impedance: Typically, 10 kΩ.

Maintenance:

1. This electrode is prefilled with the O₂ solution.
2. If the response time of the electrode increases, remove the luer cap and apply a slight pressure through the luer port. The solution will appear at the vent. Fill the tee fitting with solution provided and close the luer cap.
3. After each use, rinse the tip in distilled water and store wet in the cap provided.