General Care and Storage of Electrodes

- pH Electrodes are best stored in cool (near 50 degrees F) temperature.
- **Omega Engineering** supplies soaker bottles with its Laboratory Electrodes and a wet cotton ball in the caps of most Process Electrodes for storage.
- Storage Solutions in order of preference:
  1. 4 pH buffer with 1.5M KCl
  2. 4 pH buffer
  3. 7 pH buffer
  4. Tap water
- Deionized water is ideal for rinsing electrodes, but should not be used as a storage solution.
- Electrodes must be stored above -12 degrees C (+11 degree F) to prevent freezing of the internal solutions.
- pH Glass must be kept hydrated
  1. Probe must be kept wet at all times
  2. Wet/dry cycles reduces the useful life of electrodes
  3. If pH glass become dehydrated, soak it in 4 pH buffer for 24-48 hours
  4. If electrode is used in solvent with less than 20% water, soak the electrode in water when not in use to keep it hydrated.

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