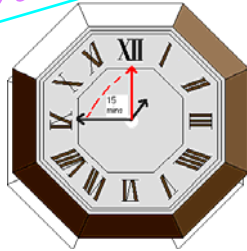


# Electrode Care and Maintenance

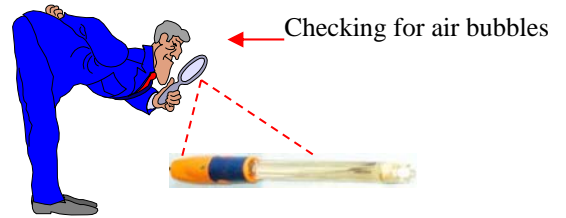
## New Electrodes

15 Minutes



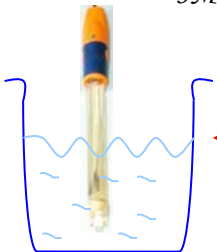
When you have received your electrode the sensor zone is protected by a cover which contains a soaker solution. Before you use the electrode, rinse off the soaker solution and leave in de-ionised water or a weak acid for 15 minutes. This will reactivate the reference junction.

Occasionally during shipment air bubbles may form in the glass bulb of pH electrodes. Before use, visually check the electrode for trapped air bubbles. Should bubbles be present, then they can be removed by shaking the electrode in a downward motion.



## Important

The electrode membranes **must** be kept wet at all time. For short term storage the electrode may be stored in de-ionised water solution. When the electrode is not in use for long periods, it should be stored in a 3M KCl soaker solution adjusted to 4 pH

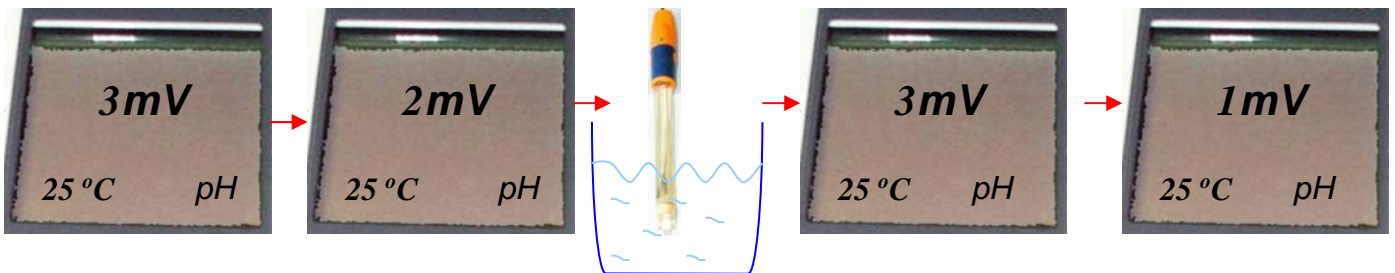


3M KCl soaker adjusted to 4 pH

**Note:** When storing double junction electrodes, use a solution saturated with the same salt type as the reference junction.

## Cleaning the Electrode

If the electrode becomes sluggish in response it may be necessary to clean the electrode. Usually cleaning with a mild detergent will remove the deposit and restore the electrode performance. **Take care not to touch the glass at any time.** Clean the electrode by washing in the mild detergent and then rinsing with de-ionised water.



5 Seconds

7 Seconds

cleaning

5 Seconds

7 Seconds

Slow Response

Fast Response