

Potentiostatic Electrodes' Cleaning procedure

To clean **inorganic deposits** and scaling, do the following:

- 1. Dip the sensitive electrode end from minimum 30 seconds to maximum 3 minutes into a 0,1 Molar Hydrochloric Acid solution.**
(approx. 3,5 cc. of HCl conc. in 1000 cc. of water)
2. Rinse for 30 – 60 seconds in clean water.

To clean **organic deposits** and fouling, do the following:

- 4. Dip the sensitive electrode end from minimum 30 seconds to maximum 3 minutes into a 0,1 Molar Sodium Hydroxide solution.**
(approx. 4 gr. of NaOH conc. in 1000 cc. of water)
5. Rinse for 30 - 60 seconds in clean water.
6. Repeat the Step 1. operation
7. Rinse for 30 – 60 seconds in clean water.
8. Check the Platinum rings surface, that must be bright, clean and shining.

IMPORTANT NOTE :

When finished the cleaning procedure, it is necessary to make again the electrode's polarization procedure.

Connect properly the electrode to the CL 7685 – CL 3630 analyzer/transmitter, following the wiring instructions..

Insert the electrode into the proper flowcell position, check for the proper sample flow rate (approx. 35 - 50 liters per hour).

Wait for minimum 1 hour (it's better 2 hours) before to make any check or calibration.