

Short-instructions for your sintered electrodes

Please follow these instructions and the detailed instructions that come with the electrodes carefully. By doing so, you will preserve the excellent characteristics of your electrodes and will ensure a long product life.

Preparation

Before using the electrodes for the first time or using electrodes that have dried out for a long time, please soak them for at least 3 hours in 1% saline solution. **Warning! For this purpose, use only pure sodium chloride (not kitchen-salt) and distilled or deionised water. Do not use tap water! Do not use bottled saline solution for infusions. This contains additives that contaminate the electrodes.**

Cleaning/Storage

Immediately after use, remove paste and other contamination from the electrodes with a dry Kleenex and/or Q-Tip. Do not use alcohol. This would damage the electrodes. Then drop the electrodes into a cup with distilled/deionised water. The remaining paste dissolves off into the distilled water. Do not let old paste dry or harden on the electrode.

Never use tap water.

Between sessions you can leave the electrodes soaking in the deionized water. At the end of the day dry the clean electrodes and store them in the dark.

Store the electrodes **dry and in the dark** when not in use. If exposed to bright light, the electrode surface will turn brown, due to oxidation. This layer will not affect the electrical properties of the electrode.

Handling

Make sure to not bend the electrode cables. This can lead to internal breakage of the cables. Such breakage is not apparent from the outside but renders the electrodes useless. Remove the electrodes carefully and make sure to not pull them by the cable.

What to do when electrode contact quality decreases (high impedance)

In case the contact quality decreases with time and is not due to drying out, you can carefully rub the electrode surface with a thin microfiber cloth or with a very thin strip of fine (at least 200 mesh) emery cloth. A Q-tip might be helpful here. Rinse the electrode in distilled/deionised water afterwards.

In case there is some layer on the electrode surface that diminishes contact quality it will be removed by this cleaning process and contact quality should be good again.