

Cleaning of sintered electrodes (1-channel electrode set A001014 and 2-channel electrode set A001015)

Preparation

Before using the electrodes for the first time, or if they have been dried out for a long time, soak the electrodes in 1% NaCl solution for at least 3 hours. Use only pure NaCl and distilled or deionized water. The NaCl salt can be purchased from the company Carl Roth GmbH & Co. KG (99.5%, p.a., ACS, ISO).

Cleaning

Immediately after using the electrodes, remove any paste residues and other impurities. You can use a dry handkerchief and/or a Q-tip to do this. Please note that no alcohol may be used for cleaning. Then hang the electrodes in a glass of distilled/deionized water until the next use to dissolve the last residues of the pastes. It is important that no paste residue dries on the electrode. Please do not clean the electrodes in an ultrasonic bath - contact of the sintered surface with metallic objects must be avoided.

Disinfection

For disinfection, the electrodes can be wiped with a mild disinfectant - but only by wipe disinfection. The electrodes must not be immersed in the disinfectant.

Storage

Store the electrodes in a dry and dark place to avoid brown deposits on the electrode surface caused by light exposure or oxidation.

Treatment

Please avoid bending the electrode cables during use, as this leads to cable breaks which are not visible externally and makes the electrodes unusable.

To remove the electrodes from the head, do not pull on the electrode lead but carefully grasp the electrode by the electrode housing.

Measures in case of bad electrode contact (high impedance)

If the contact quality deteriorates over time and is not due to drying out, you can carefully treat the electrode surface with a thin microfiber cloth or a fiberglass pen. You can use a Q-tip to help you do this. Then rinse the electrode in distilled or deionized water. Any coating on the electrode will be rubbed off and you will get good contact properties again.