

The Patchliner CoolingPlate.

Improve performance.

- Add-on for the Patchliner
- Cools cells and solutions
- Increases cell capture success rate
- Improves seal resistance stability
- Temperature range: 4 - 40°C

Patchliner CoolingPlate

Improving success rate

The Patchliner CoolingPlate integrates into the Patchliner for temperature control of cells and solutions. Cells can be kept at a cooled temperature for increased seal resistance and whole cell stability, even hours after harvesting. Solutions can also be cooled to improve stability, e.g. ATP-containing internal solution.



The Patchliner CoolingPlate

Key features of the Patchliner CoolingPlate

- Integrates into the Patchliner
- Easy to install
- Manual or software control via PatchControlHT
- Cell hotel plus 8 Eppendorf tubes can be cooled simultaneously
- Improves viability of cells and stability of solutions

Patchliner

nanjion

Nanion Europe

info@nanion.de
phone: +49 89 2 190 95-0
www.nanion.de

Nanion USA

info@naniontech.com
phone: 1-888-9-NANION

Nanion China

andy.di@nanion.cn
phone: +86 10 82 17 63 86

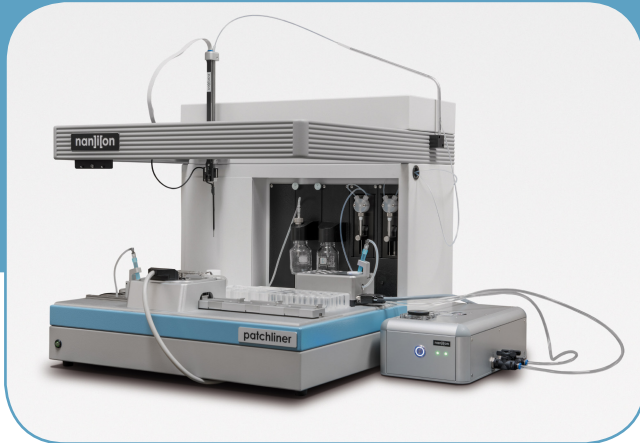
Nanion Japan

ohtsuki@nanion.jp
phone: +81 3 6457 8776

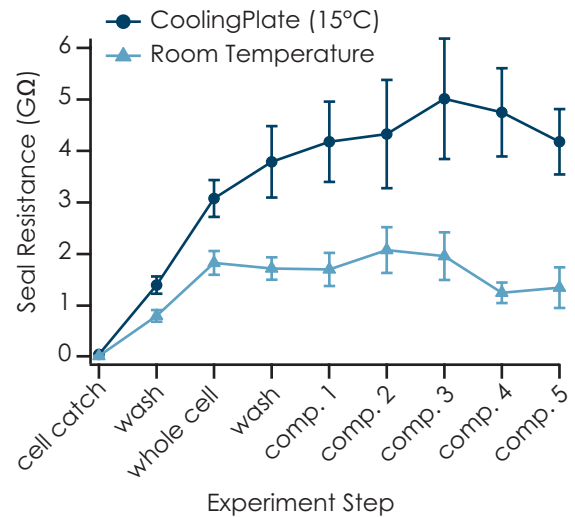
nanion

Patchliner CoolingPlate improves performance

Maintaining the cells at 15°C after harvesting increases seal resistance at all time points of the experiment, from cell catch through multiple additions of compound. This leads to improved data quality, better success rates and increased performance of the Patchliner.



CoolingPlate positioned within the Patchliner



The Patchliner CoolingPlate improves seal resistance and whole cell stability

PL CoolingPlate



The Patchliner CoolingPlate is an add-on for the Patchliner

"The Patchliner is a very good choice for the Bundeswehr research center. This instrument possesses features and offers great versatility that allow a broad range of experimental protocols on diverse cell lines and ion channel targets. The Patchliner cooling plate allows not only cooling of cells to ensure high quality recordings over a couple of hours with the same cell batch, but it also allows to accurately store temperature sensitive supplements or test compounds over the complete experimental time during the day. The Patchliner is a great system for our many electrophysiology projects which are used to find new therapeutical options."

Dr. Thomas Seeger

Bundeswehr Institute of Pharmacology and Toxicology, Munich, Germany

Patchliner CoolingPlate.