EL-CELL®
electrochemical test equipment

Quick Start Guide

Release 1.00

EL-Software: Experiment Setup Workflow

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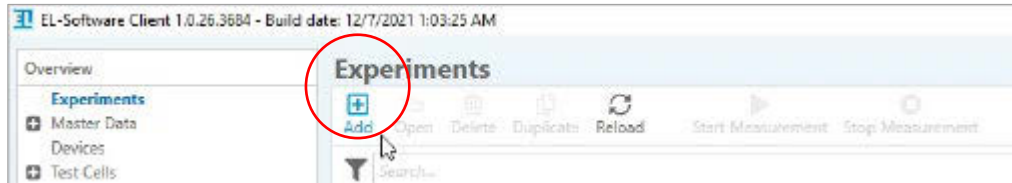
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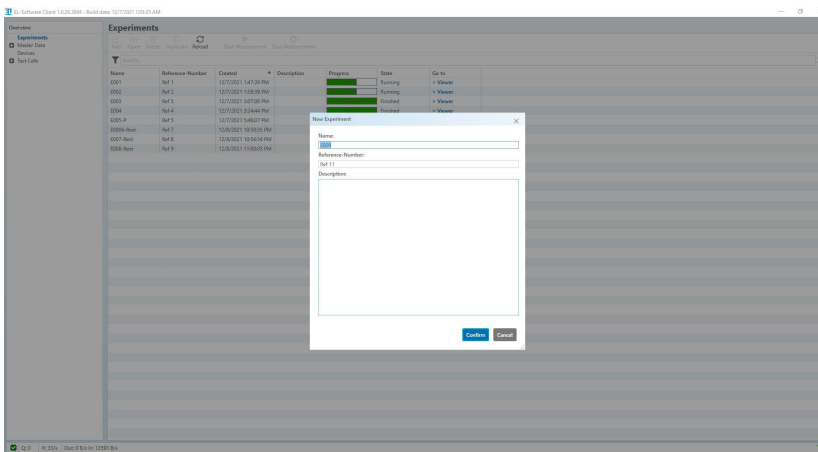
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1 How to set up an experiment in EL-Software

In order to start a new experiment, insert at least one PAT-Cell (or other device with PAT-Button) into a free channel of your PAT-Tester and follow theses steps in EL-Software
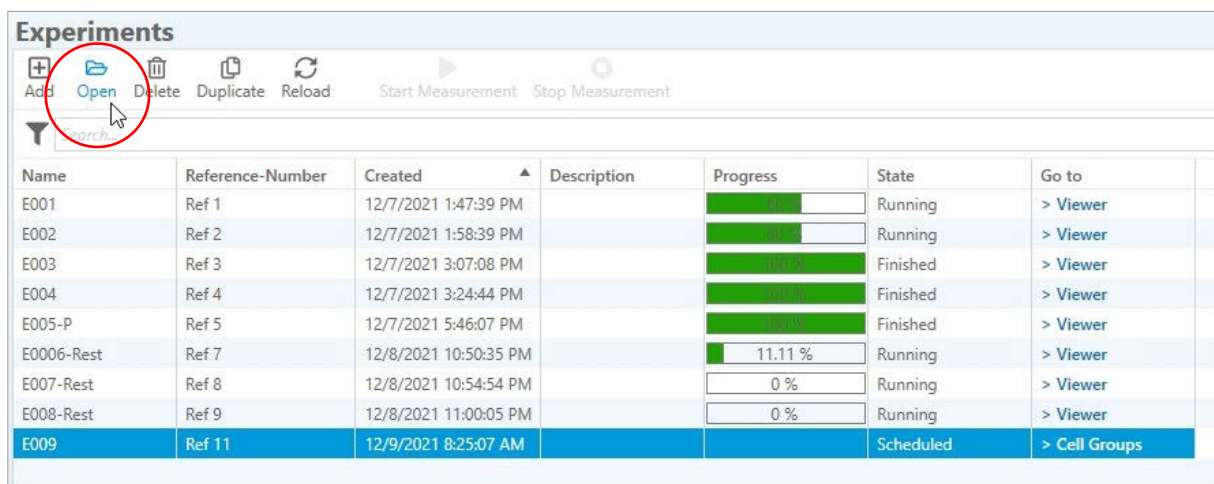
1. Select experiments in the tree view on the left side, then click 'Add" in the main tool bar.
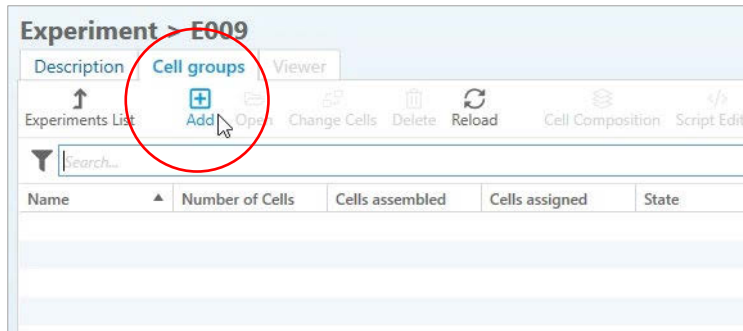

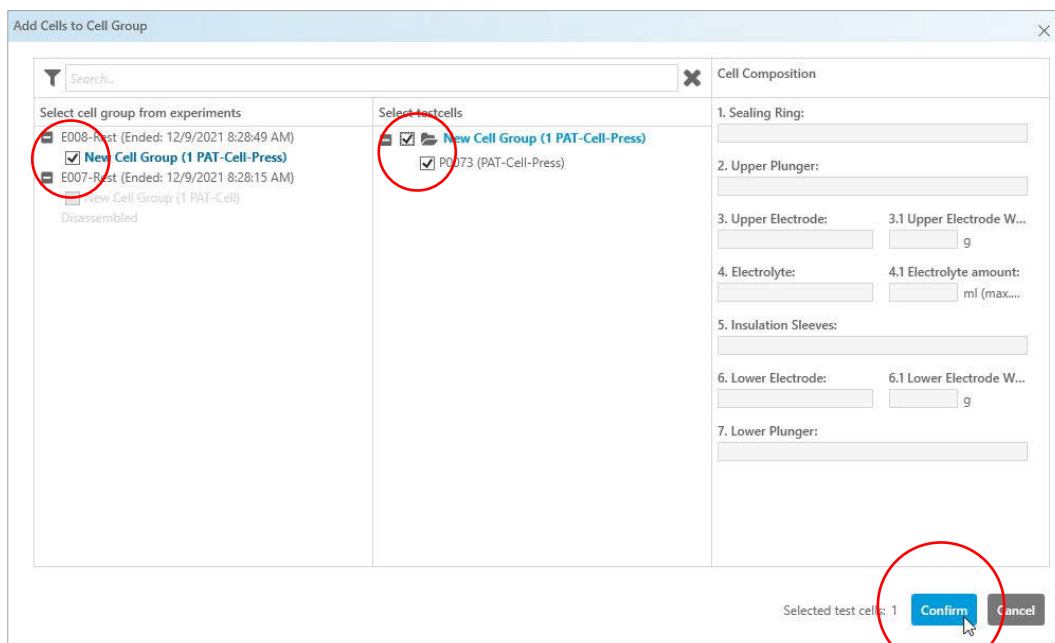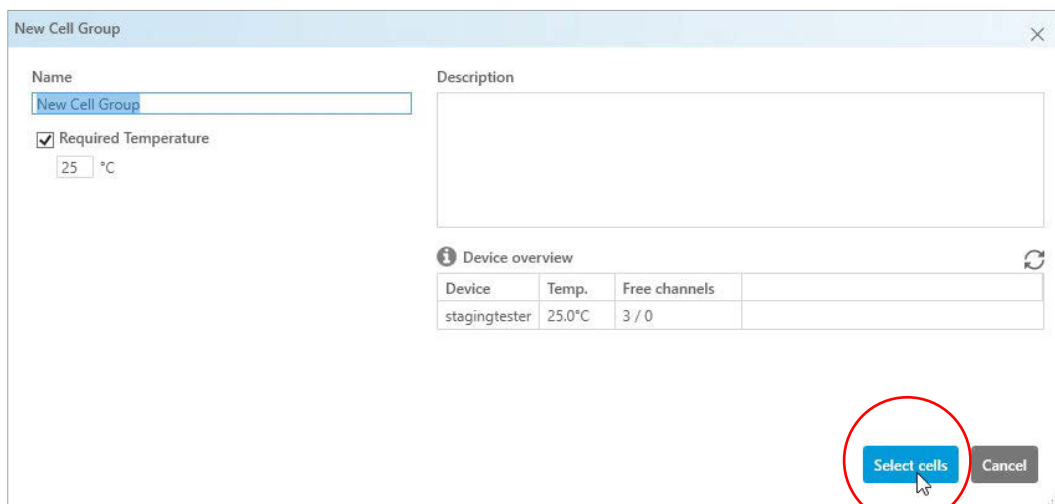2. Enter the name of the experiment and optionally a description.
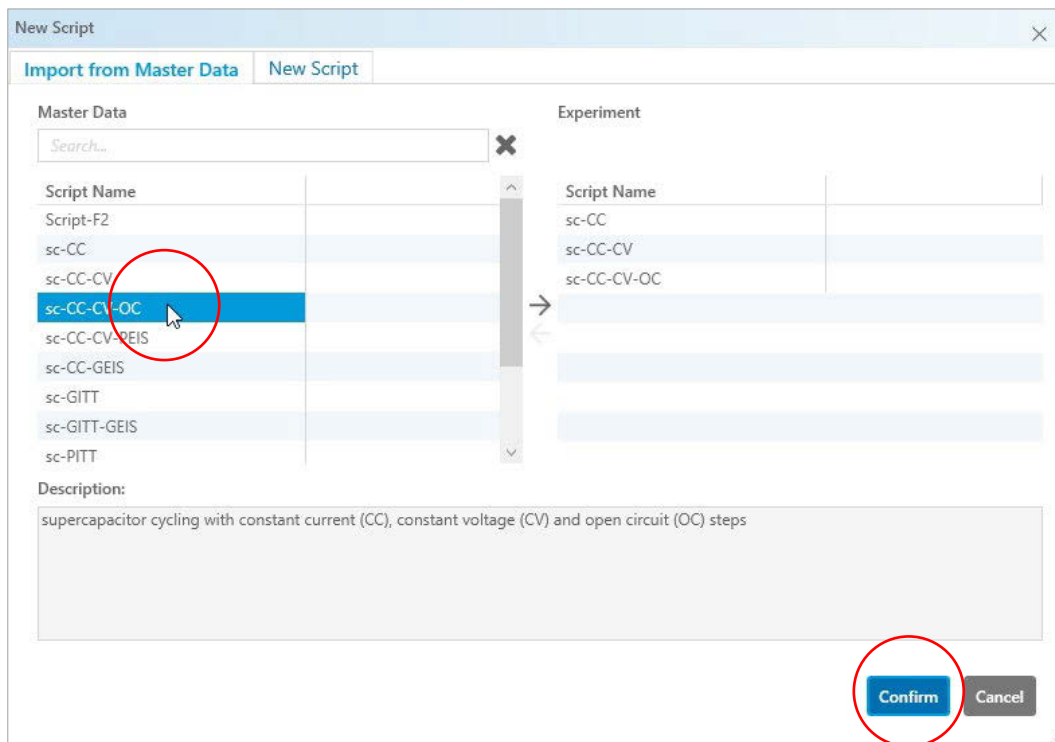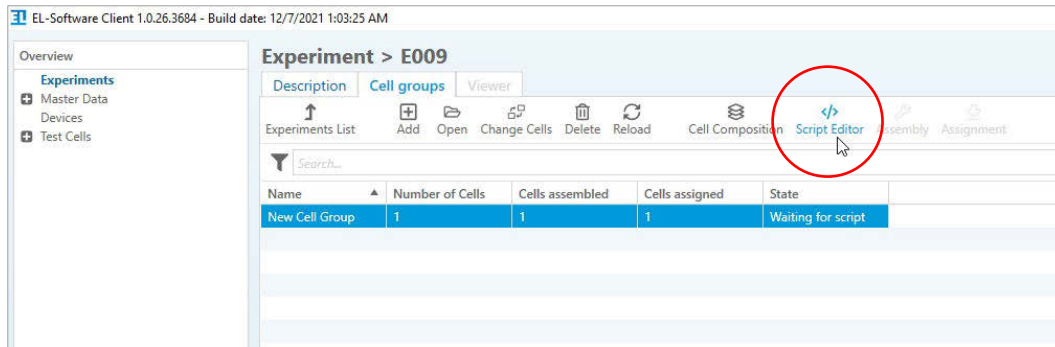

3. Open the new experiment.

4. Make sure that the Cell Groups tab is active and press 'Add' to create a new cell group. An experiment in EL-Software requires at least one cell group with one test cell.
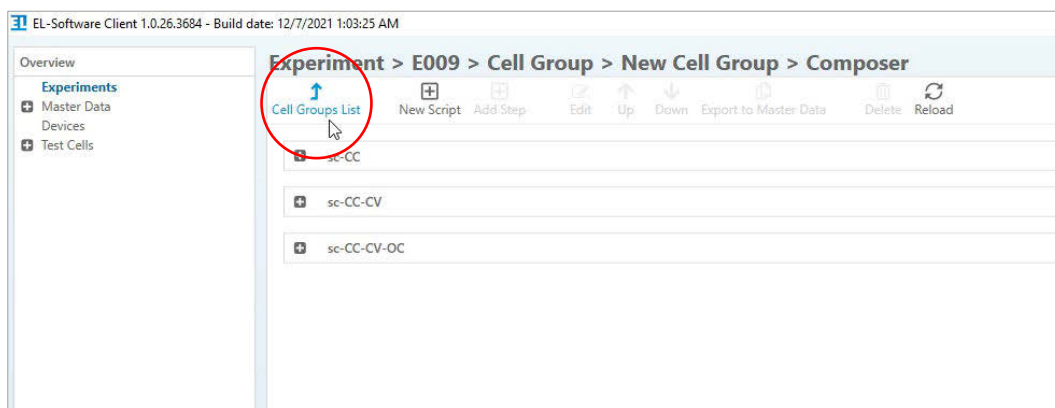

5. Enter the name of the cell group and press 'Select cells'. In the following dialogue, select at least one cell for each of your cell groups. Press 'Confirm' to add the cells.
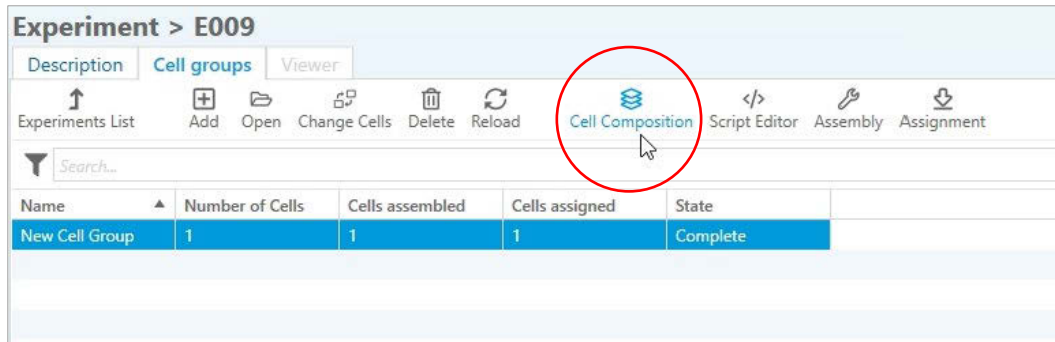
6. Click 'Script-Editor' and then either 'Import a script from Master Data' or define a 'New Script'. Select at least one script for each cell group.
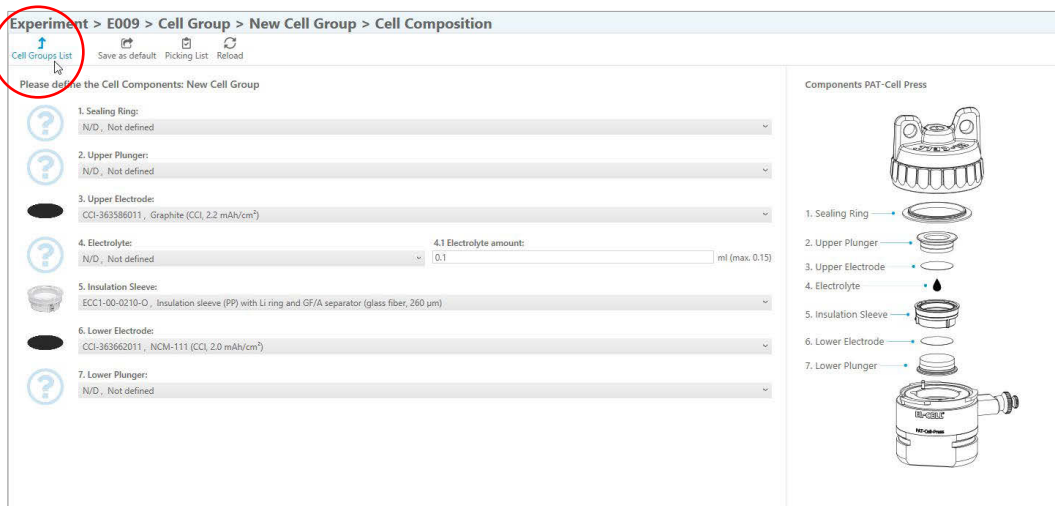

7. Press 'Cell Groups List' to leave the script editor and go back to our experiment.
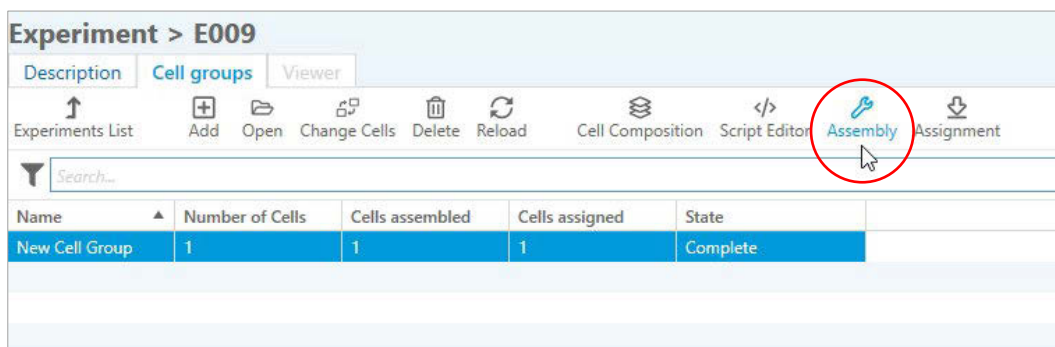
8. Click 'Cell Composition' (optional). The cell composition applies to all members of a cell group.

9. In the Cell Composition, you can select the components used in the test cells and create a picking list. Press 'Cell Groups List' to go back to the experiment overview.

10. Click 'Assembly' (optional) to enter the electrode weights for each test cell.
The electrode weights can differ between members of a cell group.

Optional: In the experiment overview click 'Assignment' to assign the test cells to free channels of the PAT-Tester **(only for newly inserted cells without electronic cell tag (PAT-Button))**

11. Press 'Experiments list' to go back and then click 'Start Experiment'. The Start button only becomes active when the experiment is completely defined.

12. Congratulations, you have started your experiment! Switch to the cell viewer to monitor the measurement.