

# Modular Potentiostat and Multichannel Electrochemical Measurement Systems

The laboratory operates a set of advanced potentiostat/galvanostat platforms for single-, dual-, and multi-channel electrochemical measurements. The instrumentation supports a broad spectrum of electrochemical techniques ranging from routine voltammetry to high-frequency impedance spectroscopy and parallel multi-electrode experiments. The available systems differ in channel count, modular expandability, and experimental configuration, enabling both highly precise single-cell measurements and synchronized multi-sample testing. Selected units support electrochemical impedance spectroscopy up to high frequencies and can be configured for simultaneous multi-channel operation. The modular chassis architecture allows the installation of multiple independent measurement boards, enabling parallel experiments with different methods and signal ranges.



## Key Features

- Combination of single-, dual-, and multi-channel potentiostat/galvanostat platforms
- Modular multi-slot architecture enabling parallel independent measurements
- Electrochemical impedance spectroscopy (EIS) capability up to the MHz range
- Support for advanced electrochemical techniques and method automation
- Configurations available for temperature-controlled electrochemical experiments



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