

Electrochemical Analyzer



The Model 600E series is designed for general purpose electrochemical measurements. The potential control range is ± 10 V and the current range is ± 250 mA. The instrument is capable of measuring current down to picoamperes. With the CHI200B Picoamp Booster and Faraday Cage (fully automatic and compatible with the 600E series), currents at sub-picoamperes can be measured. The function generator can update at a 10 MHz rate. The instrument offers a very wide dynamic range of experimental time scales.

The instrument is capable of a wide variety of electrochemical techniques, and is available with integrated simulation and fitting software functions for both impedance and cyclic voltammetry. These features provide powerful tools for both electrochemical mechanistic studies and trace analysis.