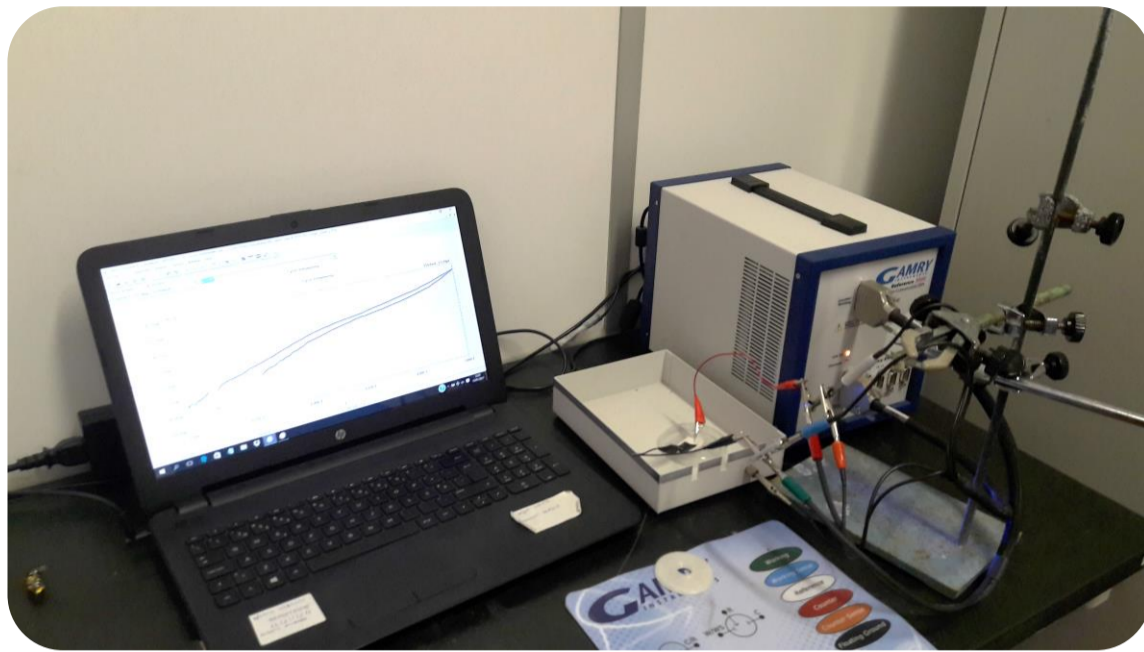


# Potentiostat

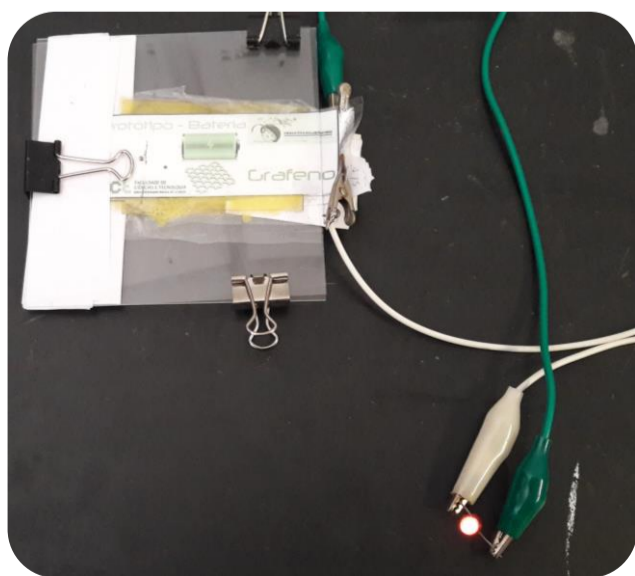
## ELECTROCHEMICAL CHARACTERIZATION OF ELECTROLYTES AND BATTERIES



Gamry Instruments reference 3000

## Electrochemical techniques

- Physical Electrochemistry: Cyclic voltammetry, chronoamperometry, and chronopotentiometry.
- Pulse Voltammetry: Pulse voltammetry, square wave voltammetry
- DC Corrosion: Standard DC corrosion tests such as polarization resistance, potentiodynamic, cyclic polarization, and galvanic .
- Electrochemical Energy: Charge, discharge, cyclic charge-discharge techniques, potentiostatic and galvanostatic.
- Electrochemical Impedance Spectroscopy: Potentiostatic, galvanostatic and hybrid impedance spectroscopy experiments.



Graphene-based device

## Applications

Batteries  
Fuel Cells  
Super Capacitors  
Photovoltaics  
Coatings  
Corrosion  
Sensors

# Electrical characterization