



# Push the boundaries of your research

Your everywhere electrochemistry solution now including EIS

Metrohm DropSens provides you with a **portable** and **wireless** (Bi)Potentiostat/ Galvanostat/ Impedance Analyzer that can be used for Voltammetric, Amperometric, Potentiometric and **Electrochemical Impedance Spectroscopy (EIS)** measurements. A complete solution for **laboratory** and **fieldwork**, including **MultipleIS®** technology.

## Typical Applications

Potentiostatic impedance measurements allow defining resistive and capacitive properties in the analyzed system. EIS analysis offers a **wide range of applications**:

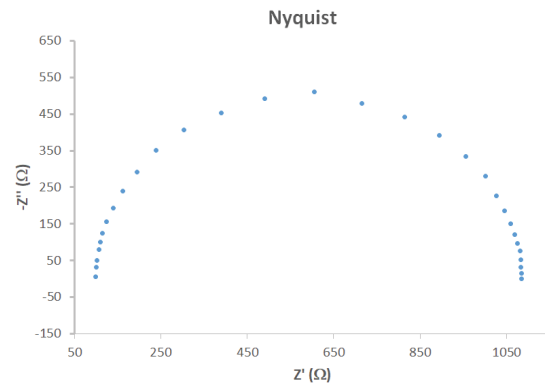
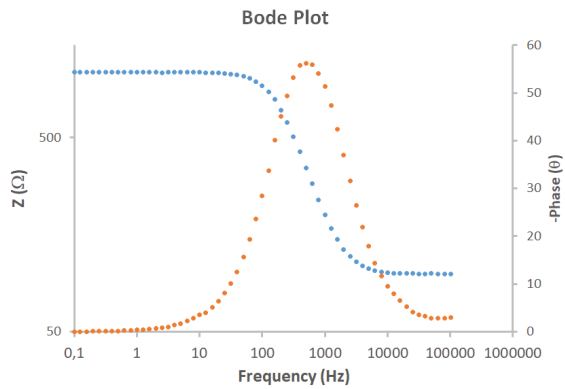
- Corrosion analysis
- Characterization assessment of sensors, biosensors and new materials
- Following electrodeposition processes, coating & polymers performance
- Developing analytical methods thanks to detection of recognition events in biosensors
- ...

## Key benefits

- Wireless EIS measurements everywhere
- Compact and robust ideal for field work
- Portable corrosion analysis at your fingertips
- Save time with an easy to use software
- Get the most from every experiment through a complete data analysis
- Improve sensor development with a smart dedicated EIS analyzer

3 year  
instrument warranty

 **Metrohm**  
DropSens



We offer two different instruments:

#### **μStat-i 400s**

Potentiostat/Galvanostat & Single channel Impedance Instrument.

#### **μStat-i 400**

Bipotentiostat/Galvanostat & Dual channel impedance instrument, including MultiEIS® technology.

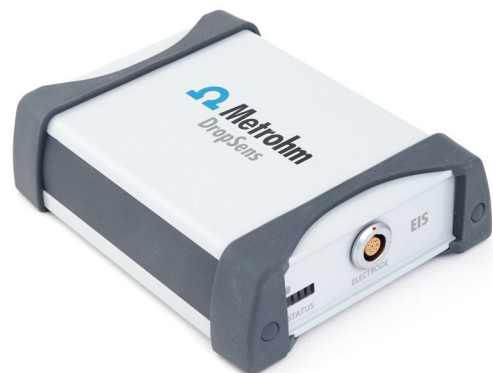
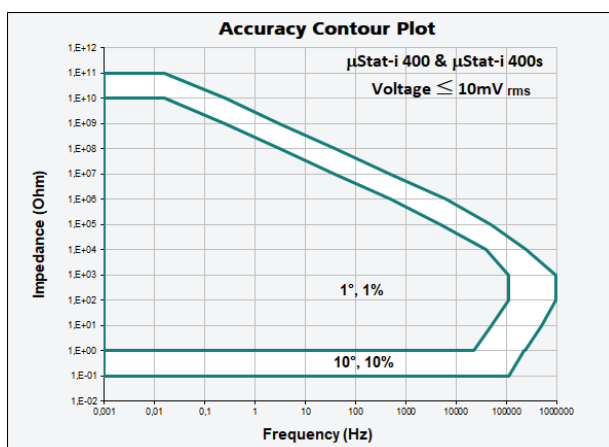
#### **Key Software Features**

In addition to all powerful functions of DropView 8400:

- Data presentation: Nyquist, Bode, Lissajous, Time Domain, Frequency Domain (FFT) and more
- Fit and Simulation, semicircle fit
- Graphical Equivalent Circuit
- Export measured data to ZView, EIS Analyzer or NOVA with one click

#### **Key EIS Features**

- Frequency range 1 mHz to 1 MHz
- AC Amplitude range 1 mV to 0.350 V rms (1.0 V p-p)
- AC perturbation superpose to a fixed DC Voltage [-3.5V to 3.5V] or OCP value
- Frequency scan
- MultiEIS®



MultiEIS®

[www.metrohm-dropsens.com](http://www.metrohm-dropsens.com)