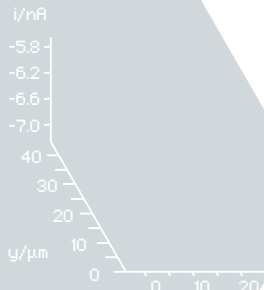




# SENSOLYTICS



## THE SENSOLYTICS SECM

- versatile
- customized solutions available
- modular structure – upgrade with additional options possible at any time

### Base SECM

- cheap start for flat surfaces with xyz-positioning system (steppermotor driven)
- combination with Autolab Potentiostat possible

### Option High-Res

- additional piezoelectric positioning system with a travel range of 100 μm/axis for a more precise movement of the tip
- automatic tilt-compensation

### Option Shearforce

- constant-distance mode imaging for electrodes in the submicrometer range and rough samples (deconvolution of topography and activity effects)

### Option AC

- impedance spectroscopy at each point of the scanned grid (via Autolab Potentiostat with FRA2)

### Option Video-Microscope

- visual control of tip prepositioning

## The Probe: Microelectrodes, Ultramicroelectrodes and Nanodes

- Platinum Microelectrode
- Gold Microelectrodes
- Platinum Nanoelectrodes
- Reference Electrodes (Ag/AgCl)
- Counter Electrodes
- further electrodes available on request