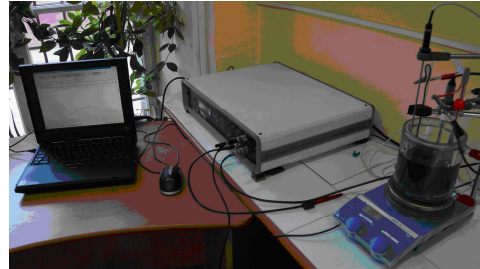


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Competences Center: Interfaces – Tribocorrosion and Electrochemical Systems.  
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## Electrochemical Workstation PGP 201

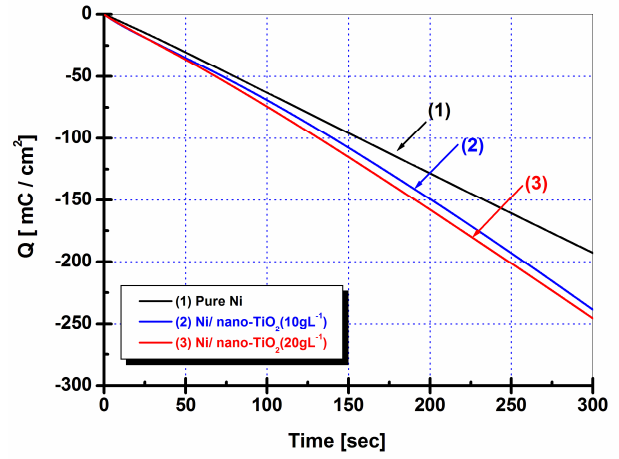
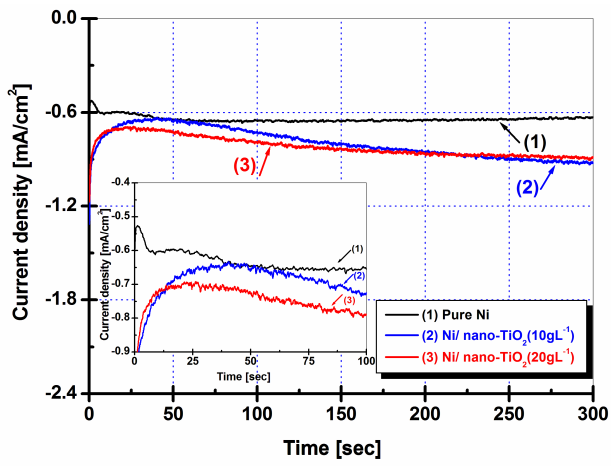


- Computer controlled
- Acquisition-view experimental data program: VoltaMaster 4
- Electrochemical Cell with double walls to maintain constant temperature of electrolyte and solutions
- Electrodes
- Interface and Lap Top Computer for piloting, acquisition experimental data

### • Voltammetry

- Maximum compliance voltage  $\pm 30$  V
- Maximum current output  $\pm 1$  A
- Maximum polarisation voltage  $\pm 15$  V

- Kinetics and mechanism of electrodeposition
- Kinetics of nanoparticles dispersed electrocodeposition with metal matrix
- Amperometric for functionalization process efficiency study
- Coulometry to consumed current yield comparative study



**Kinetic and mechanism of codeposition.  
Nanocomposite coatings and layers.**