

Corrosion investigation

Modular workstations

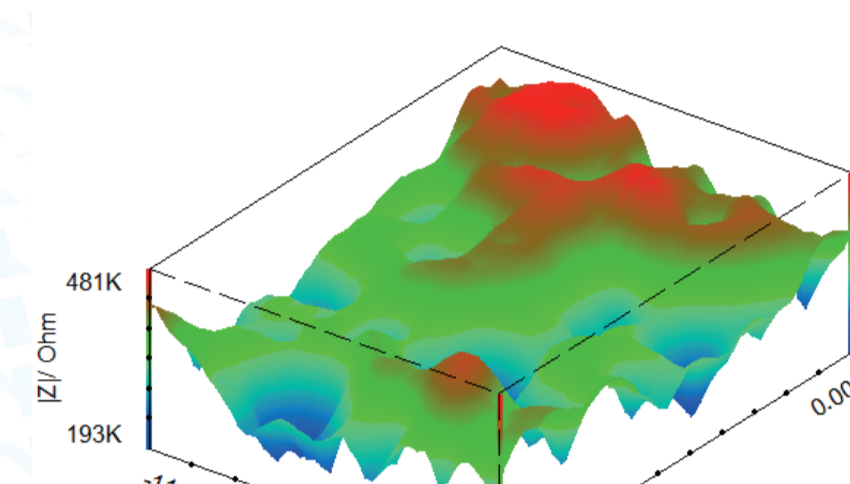
■ Potentiostat/Galvanostat/EIS

EIS capability from 7 MHz to 10 μ Hz
Wide current range from 1 pA to 150 A
Floating instruments
Multichannel



■ Scanning Probe Microscopy

LEIS
SVP
SKP



Localised impedance map of delaminated coating on mild-steel



Monitoring & analysis software

■ DC techniques

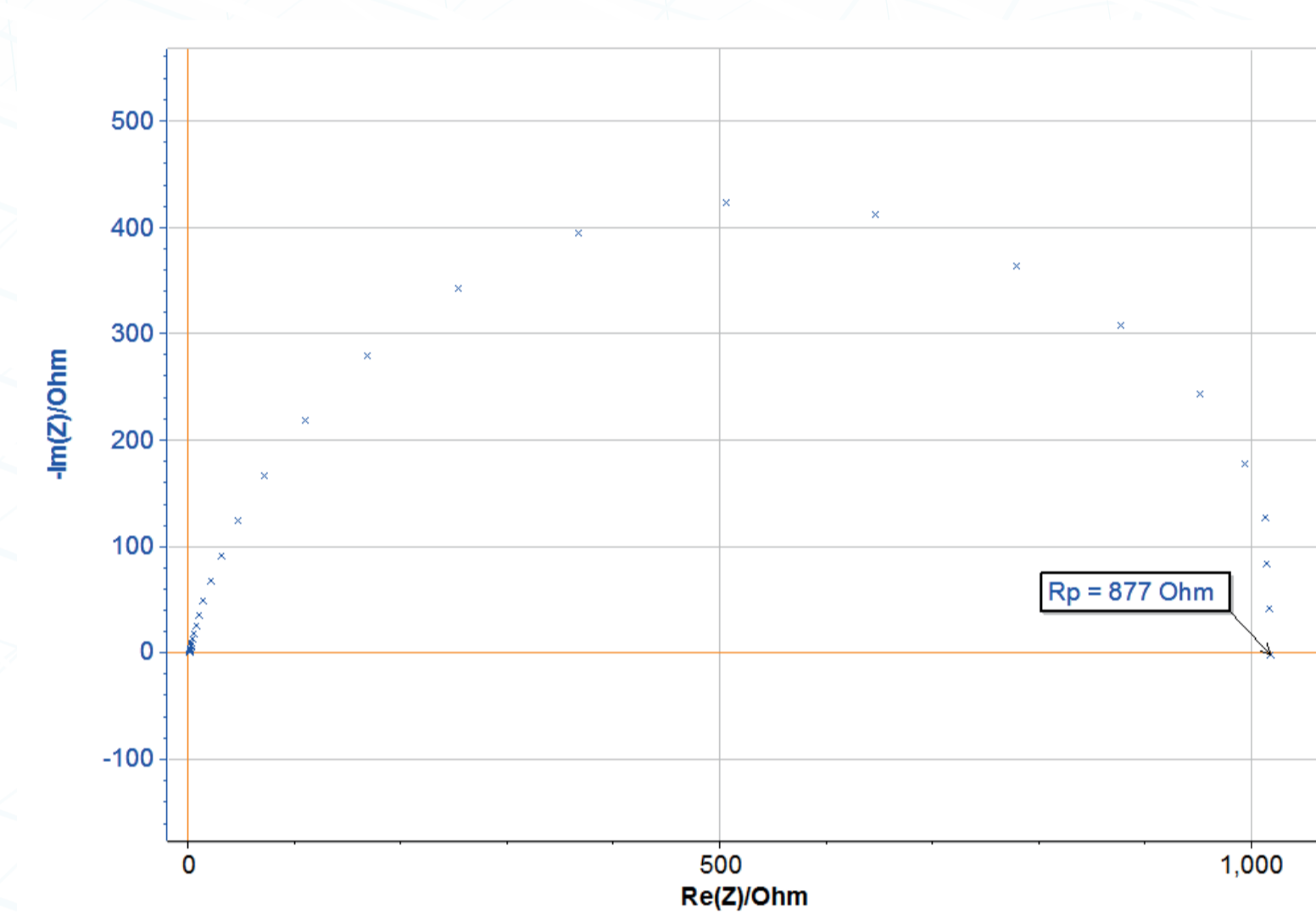
LP, ZRA, CPT, Corrosimetry

■ AC techniques

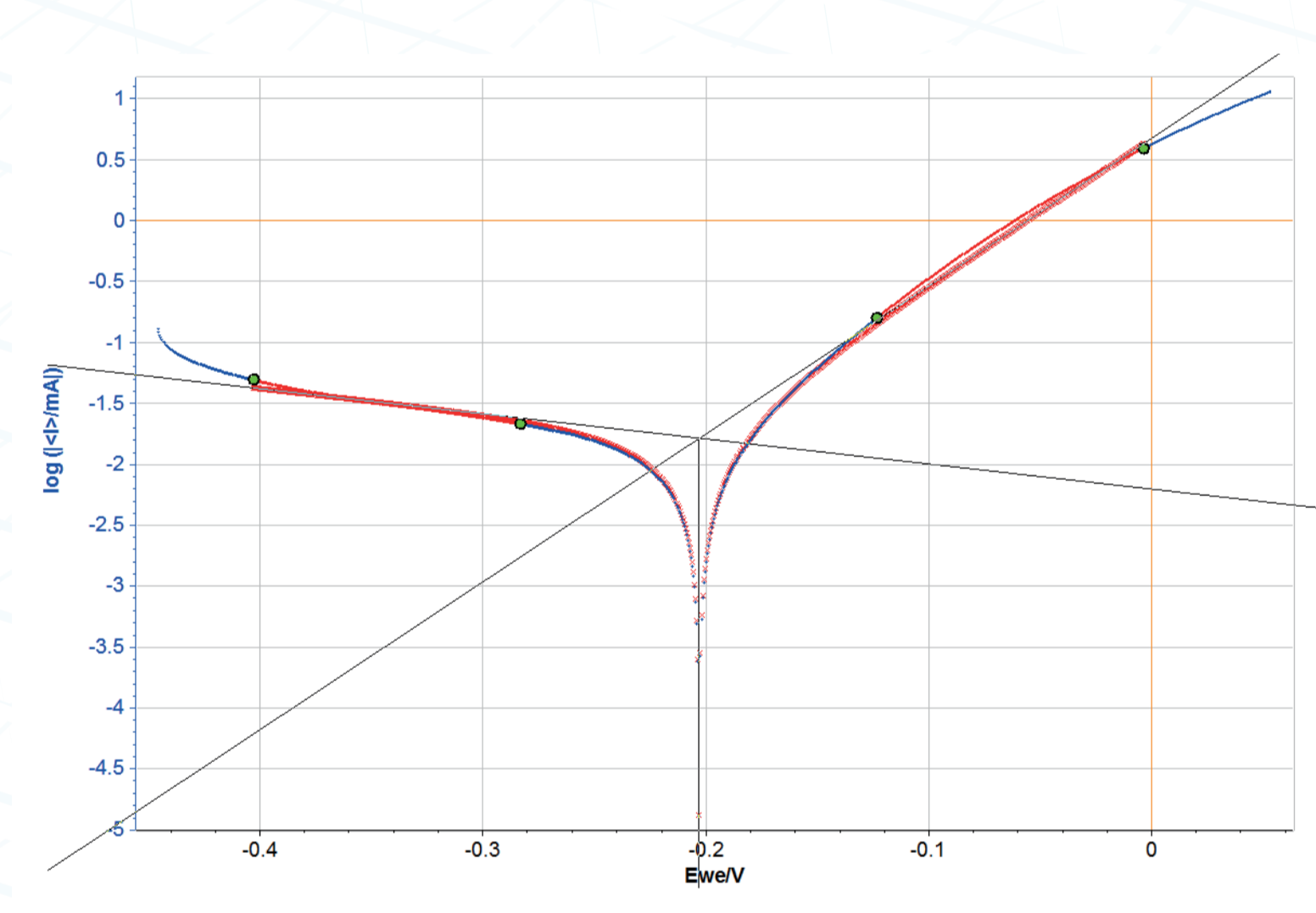
Impedance, Harmonic based techniques

■ Analysis tools

Rp Fit, Tafel Fit, EIS data modeling,
Multi Pitting Statistics, Noise Analysis



Rp Determination



Tafel Fit

Dedicated cells

■ Double jacketed cell

■ Flat/Galvanic cell

■ Crevice free (Avesta ASTM G150)

■ Permeation cell

■ Electrodes and samples holders

