

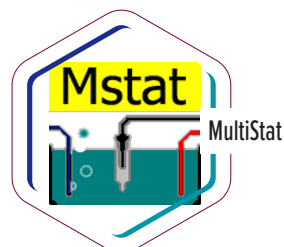


CorrWare® and CView® Software

The most powerful software for electrochemical data acquisition

CView® can collect, display, and analyze all types of electrochemical data.

CorrWare® supports many models of Solartron and PAR potentiostats. Up to 4 independent potentiostats may be controlled at one time with multi-instrument CorrWare4.



CorrWare® features

- Compatible with Windows 7/ Windows 8 / Windows 10
- Collect data on multiple instruments in background while analyzing in foreground
- Analyze data on multiple computers - analyze data in your office while performing measurements in the lab
- Perform experiments using any one of sixteen basic formats including open circuit, constant potential or current, potential and current sweeps and square waves, and cyclic voltammetry, noise, linear polarization resistance and battery cycling
- Interleave electrochemical and impedance experiments (when used with ZPlot for Windows)
- Uses Multiplexers to perform experiments on multiple cells without user intervention
- Plot data using a wide variety of axis formats
- Analyze data with curve fitting and linear regression, in addition to polarization resistance and Tafel slope calculation
- Optimize experimental parameters for maximum measurement capability
- Perform sequences of experiments as easily as a single experiment

Experiment Type	Experiment Description	Data File
anncr/Loop (bean)	[Repeat Cycles: 20]	
potentiostatic	[0.25 Ref, 15 Min][default]	Potentiostatic pretreatment.cor
open Circuit	[5 Min][default]	OC relaxation before CV.cor
cyclic Voltammogram	[0 OC, 1.2 Ref, 5mV/S, x100][default]	CV Scan.cor
open Circuit	[5 Min][default]	OC relaxation after CV.cor
anncr/Loop (end)	[Repeat Cycles: 20]	
potential Square-Wave	[0.25 Ref, -0.25 Ref, x100][default]	Square Wave.cor
V Voltammetry	[0 OC, 0.5 Ref, 2mV, 0.1S, (5, -2.5)mV][default]	

Data Examples: CorrWare & CView Software

Setup Cyclic Voltammogram Experiment

Data File: CV Scan.cor Append OCP (V): Not Avail.

Comments:

Scan:

Use Initial Potential (V) 0 vs. Open Circuit

Vertex Potential #1 (V) 0 vs. Open Circuit

Vertex Potential #2 (V) 1.2 vs. Reference

Use Final Potential (V) 0 vs. Open Circuit

Scan Rate (mV/Second) 5 No. of Cycles 100

Data Acquisition:

Method:

Fixed Points Max Pts/Sec 10

Fixed Rate Min Pts/Sec 0.5

delta - E mA/Point 1

delta - I

Save Data From:

All Cycles

Last Cycle

Save Every n'th 5

Axes Type I vs. E

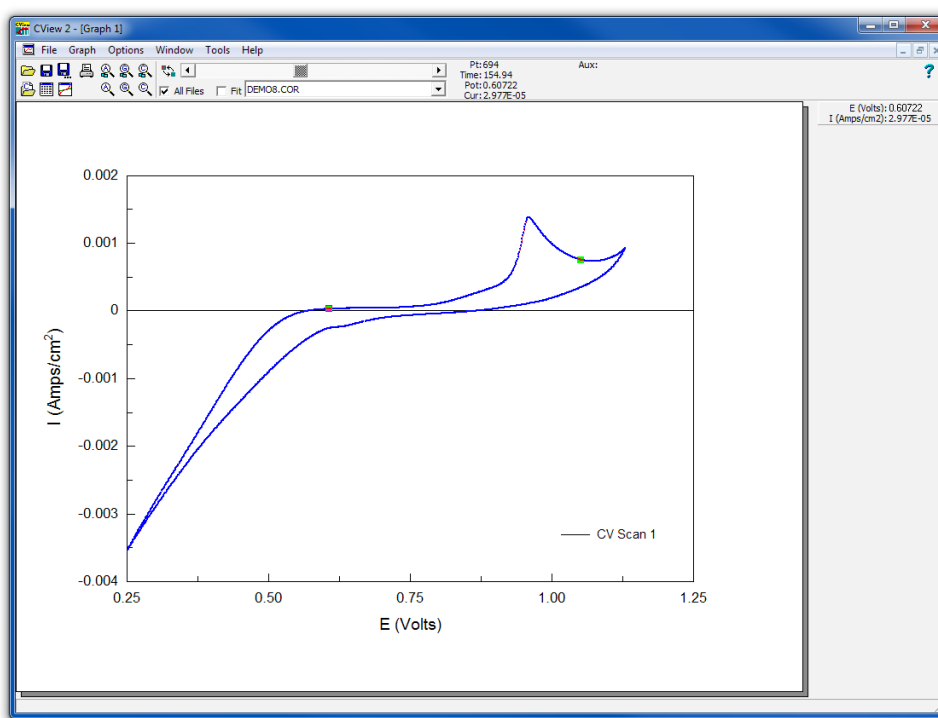
Pstat/Gstat:

Default Settings

Custom Settings

OK Cancel Help

Performs traditional Electrochemical measurements including Open Circuit, Potentiostatic and Dynamic Scans and Square Waves.



CorrWare® Supports:

Solartron: 1287, 1286, 1285 / 1285A,
1284, 1470 / 1480, 1280 / 1280B /
1280C

PAR: 283 / 283A, 273 / 273A, 263 /
263A, VersaStat II, VersaStat (253),
276 / 173

AMEL: 5000