

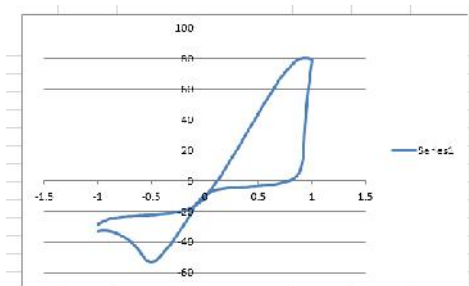
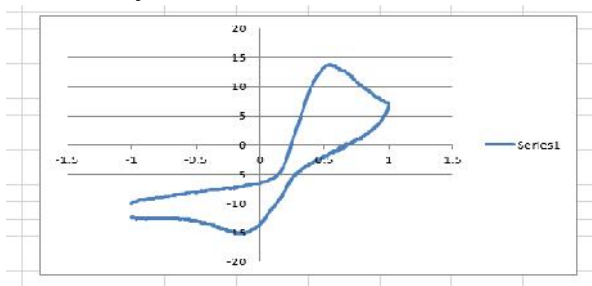
CYCLIC VOLTAMMETRY AND STRIPPING



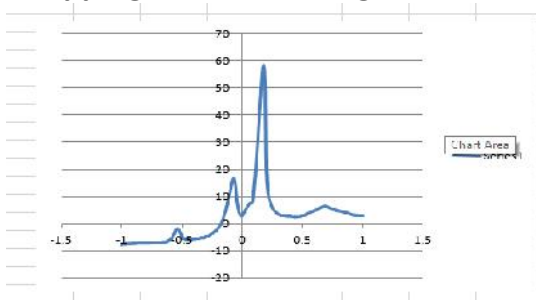
The CV-POT-1 Potentiostat is a powerful measurement device for performing cyclic voltammetry. The device is the flagship product of our new **electrochemistry range** and is suitable for both experienced electrochemists and the novice to the field. Available at a low price with **free worldwide shipping** and a **hassle-free one year warranty**, more people than ever can now access one of the most informative techniques for measuring and analyzing the electronic properties of materials.

Cyclic Voltammetry (CV) :

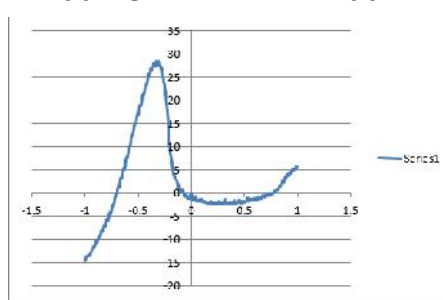
Fe⁺⁺ / Fe⁺⁺⁺ :



Stripping of Cd⁺⁺, Pb⁺⁺, Hg⁺⁺



Stripping CuSO₄ of Cu⁺⁺ ppm in ppm





CV-POT-1

Potentiostat for
Cyclic Voltammetry

Cyclic Voltammetry:

Support 3 electrode system : Screen printed electrode / accommodate other Electrodes (WE, CE and RE) separately

- Floating (isolated from earth) or earth ground :
- Potential control voltage range : ± 1.6 V
- Applied potential accuracy : ± 1 mV
- CV step potential range : 1 mV to 20 mV
- Current control range : ± 100 mA maximum
- Current sensitivity : 1 pA
- CV scan rate : 1 to 100 mV / sec
- Number of scan : 1 to 5
- Plot storing Capacity : Max 999
- CV current range is automatic during scan
- 3.5 inch T.F.T. display used as a HMI
- Manually adjustable gain
- Data available in Microsoft Excel sheet
- Input Power : 220 V AC

Stripping Voltammetry:

- Stripping deposition potential range : ± 1.6 mV
- Stripping deposition time : 1 sec to 6000 sec
- Device gain : Adjustable
- Scanning rate : 1mv/sec to 100mv/sec
- Step potential : 1mv to 20mv

Benefits :

- Ñ Cyclic voltammetry
- Ñ Stripping Voltammetry
- Ñ Accomodate screen printed electrode (SPE) and other
- Ñ Electrodes (WE, CE and RE) separately
- Ñ Low cost

