



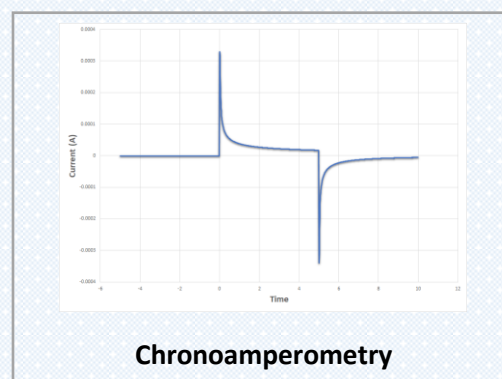
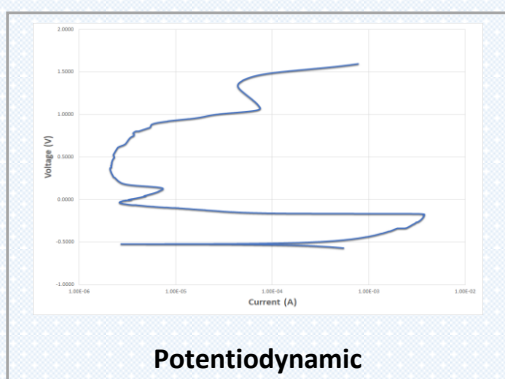
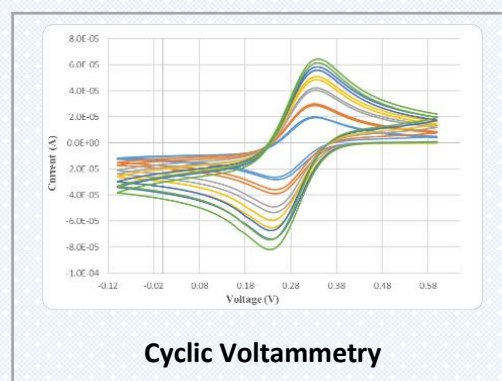
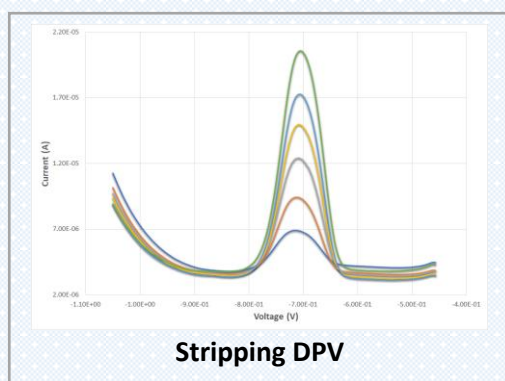
Applications:

1. Basic Electrochemical Research
2. Biosensor research
3. Corrosion Research
4. Photo electrochemistry Research
5. Electrochemical Deposition
6. Trace Analysis
7. Teaching

PhadkeSTAT™ is a Potentiostat developed and manufactured in India. And this is the result because of our very long experience in the field of electrochemical instruments. Phadke Technologies has indigenously designed, developed and manufactured a world class Potentiostat which meets many requirements of the end-users.

This is not just a low cost potentiostat, it will also give high performance as well.

PhadkeSTAT™ 20 is compact, portable and designed with great care. We have used high quality components and have taken a lot of care to achieve high sensitivity with low noise performance.



PhadkeSTAT™20 is available in five versions. These include different software techniques meeting the applications and budget of the user. We also offer appropriate cells and electrodes required for each application.

Specifications	PhadkeSTAT 20 Corr	PhadkeSTAT 20 CV	PhadkeSTAT 20 Basic	PhadkeSTAT 20 Standard	PhadkeSTAT 20 Advanced
Current	20mA				
Current range	200nA to 20mA				
Current resolution	12.5pA				
Voltage range	± 2V				
Compliance Voltage	± 12V				
Voltage resolution	1mV				
Max Scan Rate	10 mV/sec	1000 mV/sec			
Dimensions	105mm x 132mm x 55mm				
Weight	400 g				
Experimental Techniques					
OCP	●	●	●	●	●
Polarization Resistance	●		●	●	●
Tafel	●		●	●	●
Cyclic Voltammetry		●	●	●	●
Linear Sweep Voltammetry		●	●	●	●
Amperometry i-t				●	●
Chronoamperometry				●	●
Coulometry				●	●
Chronocoulometry				●	●
Normal Pulse Voltammetry					●
Differential Pulse Voltammetry					●
Square Wave Voltammetry					●
Stripping Voltammetry					●

Manufactured by: **Phadke Technologies Pvt Ltd**

Marketed by: **Phadke Instruments Pvt Ltd.**

A/17, Akshay Mittal Industrial Estate, Marol Naka, Andheri East, Mumbai 400 059

Tel: 91 22 4970 9352 | Email: sales@phadkeinstruments.com

Web: phadkeinstruments.com