



Android app for PalmSens and EmStat

PSTouch is an app for Android devices that can be used with all PalmSens and EmStat potentiostats. PSTouch communicates with your potentiostat directly via USB* or wirelessly using the PalmSens Bluetooth dongle. A Bluetooth dongle is available for your older and your newest PalmSens.

PSTouch features:

- Setting up and running measurements
- Loading and saving measured curves
- Analysing and manipulating peaks
- Sharing data directly via e-mail or Dropbox
- Support for PalmSens accessories such as a multiplexer, stirrer or bipot

All method and curve files are fully compatible with our PSTrace software for Windows.

PSTouch is designed for tablets and phones. Download it for free in the Google Play Store.



Perform measurements in the field
and share data immediately
with colleagues in the lab



PalmSens3 Bluetooth dongle, also available for PalmSens2.



* This requires your tablet or phone to support USB On-The-Go

The following techniques are supported by PSTouch:

Voltammetric techniques

- | | |
|-------------------------------------------------------------------|-----|
| ▪ Linear sweep voltammetry | LSV |
| ▪ Differential pulse voltammetry | DPV |
| ▪ Square wave voltammetry | SWV |
| ▪ Normal pulse voltammetry | NPV |
| ▪ AC voltammetry | ACV |
| ▪ Cyclic voltammetry | CV |
| (The above techniques can also be used for stripping voltammetry) | |
| ▪ Stripping chronopotentiometry (or PSA) | SCP |

Techniques as a function of time

- | | |
|----------------------------------------------|------|
| ▪ Amperometric detection / Chronoamperometry | AD |
| ▪ Pulsed amperometric detection | PAD |
| ▪ Multiple pulse amperometry | MPAD |
| ▪ Fast amperometry | FAM |
| ▪ Potentiometry | POT |
| ▪ Open circuit potentiometry | OCP |
| ▪ Multistep amperometry | MA |
| ▪ Multistep potentiometry | MP |



Android device requirements:

- Android version 4.0 (Ice Cream Sandwich) or higher
- USB On-The-Go (host capabilities) for USB connection to EmStat or PalmSens

Recommended Android devices:

- Samsung Galaxy phone or tablet

