



## Sciospec ECX-8 8-Channel Electrochemistry System

Multichannel Galvanostat / Potentiostat

Total channels	8 (2 Groups each 4 channels)
Mode Setting	Each group can be set independently to potentiostat or galvanostat mode
Electrode configuration	3 point configuration (Work, Counter and Reference)
Sensor interface	Banana plugs (4 mm)
Simulation Settings	Constant, Cyclic, Linear, Sine Wave, Square Wave

### Potentiostat

DC-Potential Range	$\pm 5.000$ V
Resolution	0.05 mV
Sample Interval	1 ms ... 1 s
Compliance Current	$\pm 50$ mA
Measurement Resolution	250 nV, 2.5 nA

### Galvanostat

Current Range	$\pm 50$ mA
Resolution	500 nA
Sample Interval	1 ms ... 1 s
Compliance Voltage	$\pm 10$ V @ full rated current
Measurement Resolution	250 nV, 2.5 nA

### Housing

Dimensions	245 x 90 x 180 mm <sup>3</sup>
Interface	High Speed USB 2.0
Power	Integrated linear 230V AC power supply

### Software

General	Graphical user interface for configuration, data acquisition and analysis
Export	Microsoft Excel® (xls), comma-separated values (csv)
Requirements	Windows XP/Vista/7®, 2 GHz and 3 GB Ram