

## 2. Technical Data Sheet

	<b>NEV4-V2</b>
Potentiostat	Yes
Galvanostat	No
Maximum current	±100 mA
Compliance voltage	± 10 V
Max. Potential applied	± 1.2 V
Potential accuracy	< 0.1% FSR
Sample rate	0,05 seg. - 30 seg.
Current ranges	7 (100 nA to 100 mA) FSR
Current accuracy	<1% of FSR for range 100 nA, < 0.1% of FSR for the rest
Current resolution (meas)	0.05% FSR
Input bias current @ 25°C	< 50 pA
Potentiostat bandwidth	1 MHz
Potentiostat rise/fall time	< 1 sec
Input impedance	1 TΩ (50 pA)
Interfaces	USB 2.0/ USB 3.0
A/D converter	16 bits
Number of channels	1
Analog I/O	0
TTL	0
Floating option	No
Power requirements	USB powered 3Wmax
Cell cable length (std)	1.5 m
Cyclic voltammetry (scan rates)	0.1 - 200 mV/s
Voltage work-Ref. Resolution	100 μV.