

2. Technical Data Sheet

	NEV3-V2
Potentiostat	Yes
Galvanostat	No
Maximum current	± 1000 mA
Compliance voltage	± 10 V
Max. Potential applied	± 2.45 V
Potential accuracy	$< 0.1\%$ FSR
Sample rate	0,05 seg. - 30 seg.
Current ranges	5 (100 μ A to 1000 mA) FSR
Current accuracy	$< 0.1\%$ of FSR
Current resolution (meas)	0.05% FSR
Input bias current @ 25°C	< 50 pA
Potentiostat bandwidth	300 kHz
Potentiostat rise/fall time	< 1 sec
Input impedance	1 T Ω (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	110-240 V / 110 W
Cell cable length (std)	1.5 m
Cyclic voltammetry (scan rates)	0.1 - 200 mV/s
Voltage work-Ref. Resolution	100 μ V.