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Autolab PGSTAT302N - High Performance



This high end, high current potentiostat/galvanostat, with a compliance voltage of 30 V and a bandwidth of 1 MHz, combined with our [FRA32M](#) module, is specially designed for electrochemical impedance spectroscopy.

The PGSTAT302N is the successor of the popular PGSTAT30. The maximum current is 2 A, the current range can be extended to 20 A with the [BOOSTER20A](#), the current resolution is 30 fA at a current range of 10 nA.

Key features

Electrode connections	2, 3 and 4
Potential range	+/- 10 V
Compliance voltage	+/- 30 V
Maximum current	+/- 2 A (20 A with BOOSTER20A)
Current ranges	1 A to 10 nA (100 pA with ECD module)
Potential accuracy	+/- 0.2 %
Potential resolution	0.3 µV
Current accuracy	+/- 0.2 %
Current resolution	0.0003 % (of current range)
Input impedance	> 1 TOhm
Potentiostat bandwidth	1 MHz
Computer interface	USB
Control software	NOVA

Compatible modules

- [EQCM](#)
- [FRA32M](#)
- [BA](#)
- [BOOSTER20A/10A](#)
- [ECD](#)
- [SCAN250](#)
- [ADC10M](#)
- [MUX](#)
- [FI20](#)
- [pX1000](#)
- [ECN](#)

