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## Modular design

### Autolab/PSTAT128N

The entry level member of the modular Autolab instruments family, the Autolab/PSTAT128N is a low noise and fast potentiostat/galvanostat capable of measuring maximum 800 mA (10 A with BOOSTER10A), with a compliance voltage of 12 V. The Autolab/PSTAT128N is a high performance low cost option for electrochemical measurements in small cells. This budget instrument is the ideal choice for all low current applications where performance is important.

The users can customize and enhance the capabilities of the Autolab/PSTAT128N by adding one or more of the optional modules or accessories. Analog and digital inputs and outputs for interfacing and controlling external devices are available.

### Optional modules

- BOOSTER10A
- FRA32M
- ADC10M
- SCAN250
- ECD
- FI20
- ECN
- pX1000
- EQCM
- BA
- MUX

### Key features

• Electrode connections	2, 3, and 4
• Potential range	+/- 10 V
• Compliance voltage	+/- 12 V
• Maximum current	+/- 800 mA (10 A with BOOSTER10A)
• Current ranges	1 A to 10 nA, in 9 decades (expandable to 100 pA with ECD module)
• Potential accuracy	+/- 0.2%
• Potential resolution	0.3 $\mu$ V
• Current accuracy	+/- 0.2%
• Current resolution	0.0003% (of current range)
• Input impedance	> 1 T $\Omega$ m
• Potentiostat bandwidth	500 kHz
• Computer interface	USB
• Control software	NOVA

