



## The Autolab 101 series

The 101 series provides entry level solutions for single research grade potentiostats/galvanostat or multi channel instruments. Designed without compromising on quality and specifications, the 101 series instruments offer good performance at a convenient price.

The PGSTAT101 is the single channel compact instrument, ideal for electrochemical measurements on small samples and for educational purposes.

The Multi Autolab with M101 modules is a modular multi channel based on the PGSTAT101 system. It can accommodate M101 modules and additional optional modules.





## Entry level

### Autolab/PGSTAT101

The entry level in the Autolab range of electrochemical instruments, the Autolab/PGSTAT101 in combination with the powerful NOVA software, can be used for most of the standard electrochemical techniques. Autolab/PGSTAT101 is an affordable potentiostat/galvanostat without compromising on quality and specifications, making it an ideal instrument for students and educational purposes.

The small footprint allows you to place a high quality potentiostat/galvanostat on a crowded workbench. Analog and digital inputs and outputs for interfacing and controlling external devices are available. The Autolab/PGSTAT101 comes with an internal dummy cell and a built-in analog integrator.

Key features	
• Electrode connections	2, 3, and 4
• Potential range	+/- 10 V
• Compliance voltage	+/- 10 V
• Maximum current	+/- 100 mA
• Current ranges	10 mA to 10 nA, in 7 decades
• Potential accuracy	+/- 0.2%
• Potential resolution	3 $\mu$ V
• Current accuracy	+/- 0.2%
• Current resolution	0.0003% (of current range)
• Input impedance	> 100 GOhm
• Potentiostat bandwidth	1 MHz
• Computer interface	USB
• Control software	NOVA

