



The new Autolab/PGSTAT204

The Autolab/PGSTAT204 is the newest addition to the Autolab compact series instruments.

Designed with both a small footprint and modularity, the PGSTAT204 combines the compactness of the PGSTAT101 with the best features of its predecessor, the μ Autolab type III, resulting in a conveniently priced instrument with superior, research grade specifications.

The Autolab/PGSTAT204 is a 20 V/400 mA potentiostat/galvanostat which can be complemented with one additional module at any time, to extend the functionality of the base instrument.

The PGSTAT204 is an affordable instrument which can be located anywhere in the lab. It is fitted with analog and digital inputs/outputs to interface with external equipments. The Autolab/PGSTAT204 also includes a built-in analog integrator.

Optional modules

- FRA32M - Electrochemical impedance spectroscopy
- pX1000 - pH and temperature measurements
- MUX - Multiplexing module for complete cells or individual working electrodes
- BA - Dual mode bipotentiostat
- EQCM - Electrochemical quartz crystal microbalance

3 year
instrument warranty

 **Metrohm**
Autolab B.V.

SPECIFICATIONS	Autolab/PGSTAT101	Autolab/PGSTAT204
• Electrode connections	2, 3 and 4	2, 3 and 4
• Potential range	+/- 10 V	+/- 10 V
• Compliance voltage	+/- 10 V	+/- 20 V
• Maximum current	+/- 100 mA	+/- 400 mA
• Current ranges	10 mA to 10 nA, in 7 decades	100 mA to 10 nA, in 8 decades
• Potential accuracy	+/- 0.2 %	+/- 0.2 %
• Potential resolution	3 μ V	3 μ V
• Current accuracy	+/- 0.2 %	+/- 0.2 %
• Current resolution	0.0003 % (of current range)	0.0003 % (of current range)
• Input impedance	> 100 GOhm	> 100 GOhm
• Potentiostat bandwidth	1 MHz	1 MHz
• Computer interface	USB	USB
• Control software	NOVA	NOVA

Built-in modularity

The PGSTAT204 is available as standalone potentiostat/galvanostat and it can be fitted at any time with one additional module. Despite the small form factor, Autolab/PGSTAT204 can be customized in order to meet your experimental requirements of today and tomorrow.



Dedicated to research

www.metrohm-autolab.com