



Discover
Multi
Autolab/M204

The new Multi Autolab/M204

The Multi Autolab/M204 is the newest addition to the Autolab series instruments. It complements the existing Multi Autolab/M101 system.

The new Multi Autolab/M204 system is based on a user-configurable multichannel cabinet which can accommodate up to 12 M204 potentiostat/galvanostat boards.

The M204 is a 20 V/400 mA potentiostat/galvanostat, fitted with a built-in analog integrator and with analog and digital input/outputs which can be used to interface to external instrumentation.

Furthermore, the Multi Autolab/M204 instrument can be complemented by adding extra modules to extend the functionality of individual M204 boards. This provides the means to customize each channel for a specific electrochemical measurement.

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

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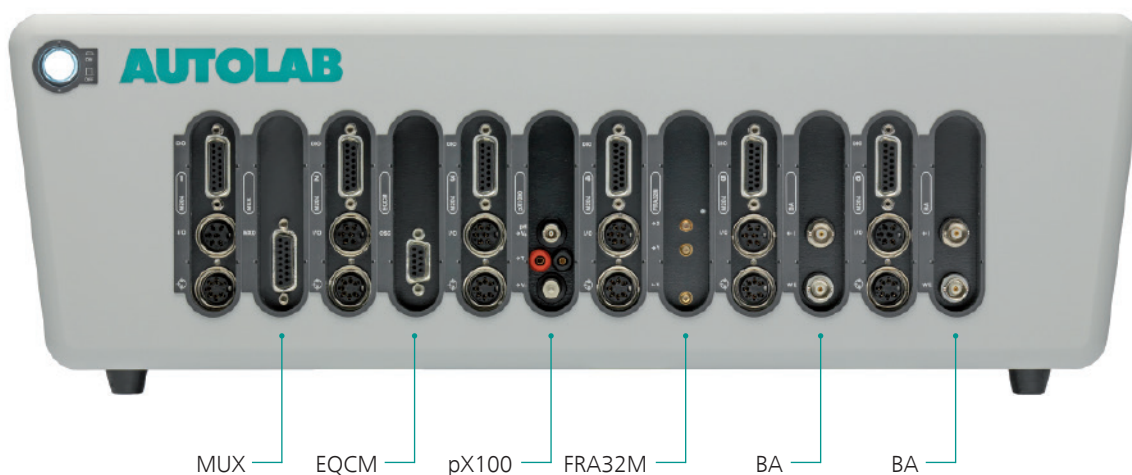
SPECIFICATIONS	Multi Autolab/M101	Multi Autolab/M204
• Electrode connections	2, 3 and 4	2, 3 and 4
• Potential range	+/- 10 V	+/- 10 V
• Compliance voltage	+/- 10 V	+/- 20 V
• Maximum current	+/- 100 mA	+/- 400 mA
• Current ranges	10 mA to 10 nA, in 7 decades	100 mA to 10 nA, in 8 decades
• Potential 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

Modular design

The Multi Autolab/M204 system is based on a modular design.

It can be configured as a 12 channel potentiostat/galvanostat system suitable for electrochemical measurements on as many individual cells or as a application specific 6 channel potentiostat/galvanostat, in which each channel is complemented by an additional module or anything in-between.

The Multi Autolab/M204 system is designed to fit your needs, today and tomorrow.



Dedicated to research

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