



## Multi channel ...

The Multi Autolab with M101 is a multi channel version of the compact PGSTAT101. Up to 12 individual M101 modules can be located inside the Multi Autolab, allowing simultaneous independent measurements on as many electrochemical cells.

The individual channels can be addressed from up to three individual computers using the built-in hub. Additionally, measurements on different channels can be synchronized at any time.

Each M101 potentiostat/galvanostat is fitted 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





## ... with modularity

The Multi Autolab with M101 can be complemented by optional modules. Each individual M101 module can be coupled to one additional optional module. The maximum number of optional modules in a Multi Autolab is six.

Each M101 potentiostat/galvanostat controls its dedicated optional module in this case.

The following modules are available for the Multi Autolab:

- FRA32M
- EQCM
- BA
- pX1000
- MUX

