Autolab PGSTAT101

AUT101.S

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.

Below, the accessories are grouped into Scope of delivery and Optional accessories.
Please keep this printout at hand for ordering replacement material.
These lists may be subject to change.

Scope of delivery AUT101.S

Qt.	Order no.	Description

1 PCS   CABLE.PWR   Power cable

Standard power cable for Autolab instruments and accessories.

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1 PCS   CBL.USB   Standard USB cable

Standard USB cable for Autolab instruments.
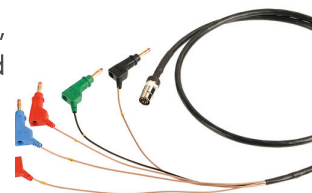

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1 PCS   CELLCBL.101   Cell cable (CE, RE, S, WE, GND) for PGSTAT101

Standard cell cable, 1.5 m, with connection for counter electrode (CE), reference electrode (RE), sense electrode (S), working electrode (WE) and ground for PGSTAT101.

Metrohm

NOVA is the package designed to control all the Autolab instruments with USB interface.

Designed by electrochemists for electrochemists and integrating over two decades of user experience and the latest .NET software technology, NOVA brings more power and more flexibility to your Autolab potentiostat/galvanostat.
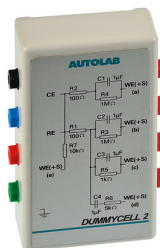
NOVA offers the following unique features:

- Powerful and flexible procedure editor
- Clear overview of relevant real-time data
- Powerful data analysis and plotting tools
- Integrated control for external devices like Metrohm Liquid Handling devices

Download the latest version of NOVA

Optional accessories

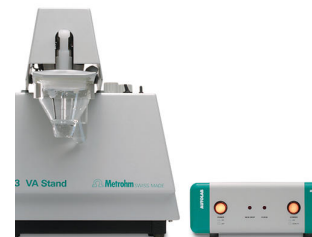| Order no.	Description
ALL.CLIP.BLACK	Black Alligator Clamp
	Black alligator clamp for connections to electrodes in the electrochemical cell.
ALL.CLIP.RED	Red Alligator Clamp
	Red alligator clamp for connections to electrodes in the electrochemical cell.
AUT.DUMCELL.S	Autolab dummy cell
	Dummy cell for instrument testing.
AUT101.CASE	AUT101.CASE
	The PGSTAT101 field case is designed to conveniently store or carry the Autolab PGSTAT101 and its components. The field case for PGSTAT101 provides room for the PGSTAT101, power cable, cell cable, monitor cable, NOVA Getting Started Manual and NOVA installation CD.

CABLE. MONITOR4	Monitor cable for PGSTAT101

Monitor cable for PGSTAT101, providing connections for analog outputs (E_{out}, i_{out} and V_{out}) and input (V_{in})

IME663.S	Interface for Metrohm 663 VA Stand

Interface for Metrohm 663 VA Stand.

SDK	Software development kit

The Autolab Software Development Kit (Autolab SDK) is designed to control the Autolab instrument from different external applications such as LabVIEW, Visual Basic for Applications (VBA), scripting etc. With the Autolab SDK the external application can be used to measure complete procedures or control individual Autolab modules.

In order to use the Autolab SDK from other applications, these applications must have the possibility to use .NET assemblies or in the case of 'older' applications to use COM assemblies. How to integrate these assemblies is explained in the manual of the application.

The Autolab SDK is compatible with Autolab NOVA however it does not require NOVA to be installed.