



VIONIC

3500001080

VIONIC is our new-generation potentiostat/galvanostat that is powered by Autolab's new **INTELLO** software.

VIONIC offers the **most versatile combined specifications of any single instrument** currently on the market.

- Compliance voltage: ± 50 V
- Standard current ± 6 A
- EIS frequency: up to 10 MHz
- Sampling interval: down to 1 μ s

Also included in **VIONIC's** price are features that would usually carry an additional cost with most other instruments such as:

- Electrochemical Impedance Spectroscopy (EIS)
- Selectable Floating
- Second Sense (S2)
- Analog Scan

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 3500001080

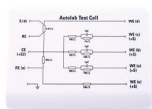
Order Number	Description	Quantity
3500002750	4mm Banana Adaptive Cable Set for High Frequency EIS Each 4mm Banana Adaptive Cable Set for High Frequency EIS comes with 3 cables (Working/WE, Reference/RE, and a Ground bridge cable) each 0.25 m in length. Each 0.25 m cable ends with a 4 mm banana cell connector. The 4 mm Banana Adaptive Cable Set for High Frequency EIS is delivered with VIONIC and is also available to purchase separately. <i>These cables must be used ONLY for EIS measurements at frequencies higher than 1 MHz.</i>	1 PCS
3500002000	Earth Ground Cable The Earth Ground Cable (EARTH) is a single cable, 0.5 m in length, with two 4 mm banana connectors, one on each end. The Earth Ground Cable is delivered with VIONIC and is also available to purchase separately. This cable can be used to provide an Earth ground connection to any point or accessories used in the experimental setup.	1 PCS



3500002470

Autolab Test Cell

1 PCS



The Autolab Test Cell provides a range of electrical circuits which can simulate typical electrochemical interfaces. It is equipped with color coded, 4 mm banana sockets (female connectors) which assure a direct connection to the 4 mm Banana Adaptive cables.

The Autolab Test Cell can be used for testing the performance of the VIONIC instrument, testing and troubleshooting measurement procedures.

3500001940

Ethernet cable (3m)

1 PCS



Standard network Cable (Ethernet, LAN) used to connect the VIONIC instrument to the network

CBL.PWR.XXX

Power cable

1 PCS



Standard power cord to plug the VIONIC instrument into the power grid. The type of the included power cord is region specific.

ALL.CLIP.BLACK

Black Alligator Clamp

2 PCS



Black alligator clamp for connections to electrodes in the electrochemical cell.

ALL.CLIP.RED

Red Alligator Clamp

2 PCS



Red alligator clamp for connections to electrodes in the electrochemical cell.

3500002500

4mm Banana Adaptive Cable Set

1 PCS



Each 4mm Banana Adaptive Cable Set comes with 5 cables (Working/WE, Reference/RE, Counter/CE, Sense/S and Second Sense/S2) of 0.5 m in length. Each 0.5 m cable ends with a 4 mm banana cell connector. The 4 mm Banana Adaptive Cable Set is delivered with VIONIC and is also available to purchase separately.

Optional accessories

3500002010

Analog Ground Cable



The **Analog ground cable (AGND)**, is a single cable, 0.5 m in length, with one 2 mm and one 4 mm banana connectors, one on each end of the cable.

This cable must be used only for ZRA (or ECN) measurements with VIONIC when operating with Floating ON.

The Analog Ground Cable is an optional accessory and can be purchased separately.

3500002540

Isolated BNC Adaptive Cable Set: 5 cables of 0.5 m ending with Isolated BNC connectors



Each **Isolated BNC Adaptive Cable Set** comes with 5 cables (Working/WE, Reference/RE, Counter/ CE, Sense/S and Second Sense/S2) of 0.5 m in length.

Each 0.5 m cable ends with an Isolated BNC connector.

The **Isolated BNC Adaptive Cable Set** is an optional accessory and can be purchased separately.

3500002530

Alligator clip Adaptive Cable Set: 5 cables of 0.5 m ending with Alligator Clip connectors



Each **Isolated BNC Adaptive Cable Set** comes with 5 cables (Working/WE, Reference/RE, Counter/ CE, Sense/S and Second Sense/S2) of 0.5 m in length.

Each 0.5 m cable ends with an **Isolated BNC connector**. The **Isolated BNC Adaptive Cable Set** is an optional accessory for VIONIC.

The **Isolated BNC Adaptive Cable Set** is an optional accessory and can be purchased separately.

3500002510

2mm Banana Adaptive Cable Set: 5 cables of 0.5 m ending with 2 mm banana connectors



Each **2 mm Banana Adaptive Cable Set** comes with 5 cables (Working/WE, Reference/RE, Counter/CE, Sense/S and Second Sense/S2) of 0.5 m in length.

Each 0.5 m cable ends with a 2 mm banana cell connector.

The **2 mm Banana Adaptive Cable Set** is an optional accessory for VIONIC.