



# 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.


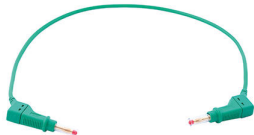
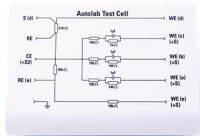
- Compliance voltage:  $\pm 50$  V
- Standard current  $\pm 6$  A
- EIS frequency: up to 10 MHz
- Sampling interval: down to 1  $\mu$ s

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

Qt.	Order no.	Description
1 PCS	3500001940	Ethernet cable (3m)
<p>Standard network Cable (Ethernet, LAN) used to connect the VIONIC instrument to the network</p> 		
1 PCS	3500002000	Earth Ground Cable
<p>The Earth Ground Cable (EARTH) is a single cable, 0.5 m in length, with two 4 mm banana connectors, one on each end.</p> <p>The Earth Ground Cable is delivered with VIONIC and is also available to purchase separately.</p> <p>This cable can be used to provide an Earth ground connection to any point or accessories used in the experimental setup.</p> 		
1 PCS	3500002470	Autolab Test Cell
<p>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.</p> <p>The Autolab Test Cell can be used for testing the performance of the VIONIC instrument, testing and troubleshooting measurement procedures.</p> 		

1 PCS

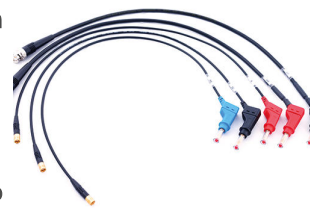
3500002500

4mm Banana Adaptive Cable Set

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.



1 PCS

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.

*These cables must be used ONLY for EIS measurements at frequencies higher than 1 MHz.*



2 PCS

ALL.CLIP.BLACK

Black Alligator Clamp

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



2 PCS

ALL.CLIP.RED

Red Alligator Clamp


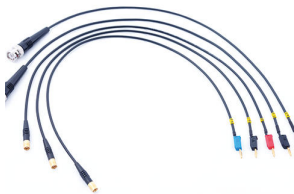
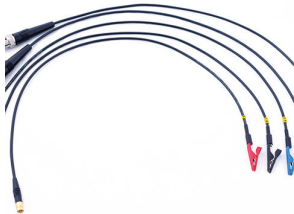
Red alligator clamp for connections to electrodes in the electrochemical cell.



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



## Optional accessories

Order no.	Description
3500002010	<p>Analog Ground Cable</p> <p>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.</p> <p>This cable must be used only for ZRA (or ECN) measurements with VIONIC when operating with Floating ON.</p> <p>The Analog Ground Cable is an optional accessory and can be purchased separately.</p> 
3500002510	<p>2mm Banana Adaptive Cable Set: 5 cables of 0.5 m ending with 2 mm banana connectors</p> <p>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.</p> <p>Each 0.5 m cable ends with a 2 mm banana cell connector.</p> <p>The 2 mm Banana Adaptive Cable Set is an optional accessory for VIONIC.</p> 
3500002530	<p>Alligator clip Adaptive Cable Set: 5 cables of 0.5 m ending with Alligator Clip connectors</p> <p>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.</p> <p>Each 0.5 m cable ends with an Isolated BNC connector. The Isolated BNC Adaptive Cable Set is an optional accessory for VIONIC.</p> <p>The Isolated BNC Adaptive Cable Set is an optional accessory and can be purchased separately.</p> 

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.

