



# VIONIC

3500001080

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

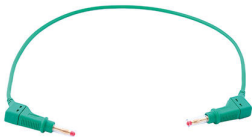
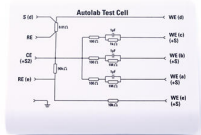
VIONIC offers the most versatile combined specifications of any single instrument currently on the market.

- 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

# Phạm vi giao hàng 3500001080

| Qt.                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | Order no.  | Description                                                                           |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------|---------------------------------------------------------------------------------------|
| 1 PCS                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 3500002750 | 4mm Banana Adaptive Cable Set for High Frequency EIS                                  |
| <p>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.</p> <p>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.</p> <p><i>These cables must be used ONLY for EIS measurements at frequencies higher than 1 MHz.</i></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

3500001940

Ethernet cable (3m)

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



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1 PCS

CBL.PWR.XXX

Power cable

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



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2 PCS

ALL.CLIP.BLACK

Black Alligator Clamp

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



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2 PCS

ALL.CLIP.RED

Red Alligator Clamp

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



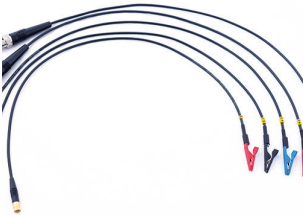
Each 4mm Banana Adaptive Cable Set comes with 5 cables (Working /WE, Reference/RE, Counter/CE, Sense/S and Second Sense/S2) of 0.5 m in length.

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.



## Phụ kiện tùy chọn

| Order no.  | Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
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| 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>                                                                                                                |
| 3500002540 | <p>Isolated BNC Adaptive Cable Set: 5 cables of 0.5 m ending with Isolated BNC 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.</p> <p>The Isolated BNC Adaptive Cable Set is an optional accessory and can be purchased separately.</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>  |

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.

