

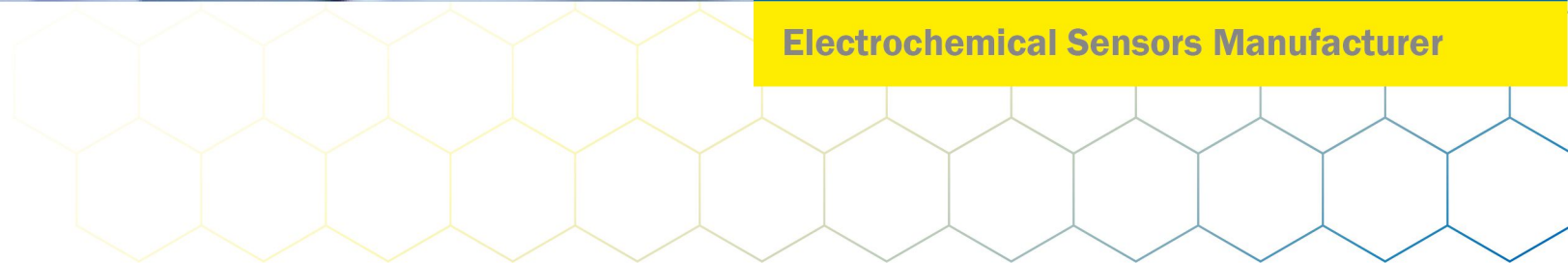


AraElectrode



ELECTRODES AND ACCESSORIES

Electrochemical Sensors Manufacturer





● **ELECTRODE**



● **WIRELESS pH METER**



● **STORAGE SOLUTION**



● **BUFFER**



● General purpose pH Electrode

- Low maintenance, no filling solution needed
- Sealed reference
- Easy to use, general purpose
- 0.01 pH precision
- Good response time
- pc Body
- 3 Month warranty

pH range: 0..14

Temperature: - 5 °C..100 °C

Reference: single junction, Ag/AgCl

Accuracy (25 °C):0.01pH

Storage solution: 3M KCl(pH=4)

Cable length: 1 meter

Response time: 95% in 1s

Suitable for all BNC and DIN connector pH meters

E10 - General purpose pH Electrode+BNC connector

E11 - General purpose pH Electrode with temperature sensor+BNC/RCA Connector+(RCA to 3.5mm jack Adaptor)

R12 - General purpose pH Electrode+DIN connector

R13 - General purpose pH Electrode with temperature sensor+DIN/banana plug connector

● Double junction pH Electrodes

- 0.02 pH precision
- Better measurement response time
- Ideal for TRIS, protein and sulfide samples
- no filling solution needed
- polymer or gel design
- Good temperature response
- pc Body
- 3 Month warranty

pH range: 0..14

Temperature: - 5 °C..100 °C

Reference: Double junction, Ag/AgCl

Accuracy (25 °C):0.01pH

Storage solution: 3M KCl(pH=4)

Cable length: 1 meter

Response time: 95% in 1s

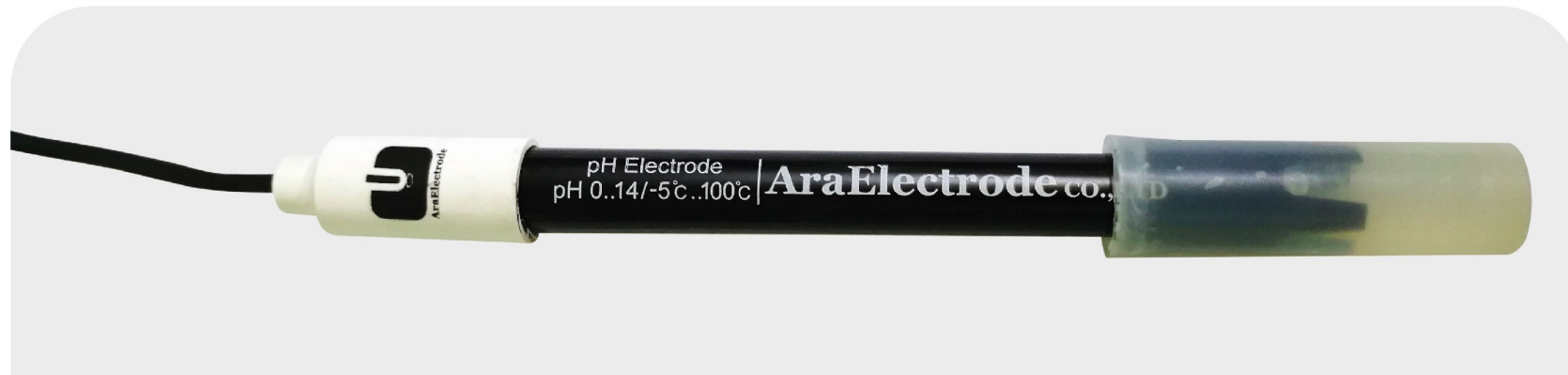
Suitable for all BNC and DIN connector pH meters

E20 - Double junction pH Electrode+BNC connector

E21 - Double junction pH Electrode+DIN connector

E22 - Double junction pH Electrode with temperature sensor+BNC/RCA Connector+(RCA to 3.5mm jack Adaptor)

E23 - Double junction pH Electrode with temperature sensor+DIN/banana plug connector



● pH Electrodes without bulb guard (std)

- use in a wide variety of sample sizes
- no filling solution needed
- Sealed reference
- pc Body
- 3 Month warranty

pH range: 0..14

Temperature: 0..80 °C

Reference: single junction, Ag/AgCl

Accuracy (25 °C): 0.01pH

Storage solution: 3M KCl(pH=4)

Cable length: 1 meter

Response time: 95% in 1s

Suitable for all BNC and DIN connector pH meters

E30 - std pH Electrode+BNC connector

E31 - std pH Electrode+DIN connector

E32 - std pH Electrode with temperature sensor+BNC/RCA Connector+(RCA to 3.5mm jack Adaptor)

E32 - std pH Electrode with temperature sensor+DIN/banana plug connector



● Glass Body pH Electrode

- Compatible with virtually any sample, including solvents
- Easy to clean
- pc Body
- 3 Month warranty

pH range: 0..14

Temperature: 0..80 °C

Reference: single junction, Ag/AgCl

Accuracy (25 °C): 0.02pH

Storage solution: 3M KCl(pH=4)

Cable length: 1 meter

Response time: 95% in 1s

Suitable for all BNC and DIN connector pH meters

E40 - Glass body pH Electrode+BNC connector

E41 - Glass body pH Electrode+DIN connector

E42 - Glass body pH Electrode with temperature sensor+BNC/RCA Connector+(RCA to 3.5mm jack Adaptor)

E43 - Glass body pH Electrode with temperature sensor+DIN/banana plug connector



● Half-Cell and Reference Electrodes

- single and double junction reference electrode
- pc Body
- 3 Month warranty

E50 - pH half-cell Electrode+BNC connector

E51 - pH half-cell Electrode+DIN connector

E52 - Ag/AgCl Reference Electrode

E53 - Ag/AgCl double junction Reference Electrode

● pH Meter

The AraElectrode Lab App turns an Android device into a full-featured pH &ORP meter when used with a AraElectrode Instruments wireless probe with Bluetooth® technology.

The AraElectrode Lab App(version 2.00),provides a display of the current pH measurement,ORP measurement,solution temperature and mv reading.

The AraElectrode™ probe's Bluetooth® Smart technology offers many advantages in wireless measurement convenience and the probe can be used up to 15 meters (49 feet) in Closed area(the enviroment has obstacles) and up to 50 meters in free area from the Android device.

The AraElectrode™ probe and AraElectrode Lab App are ideal for professionals and educators needing accurate wireless measurements in the laboratory, classroom and in the field.



● pH Meter Specification

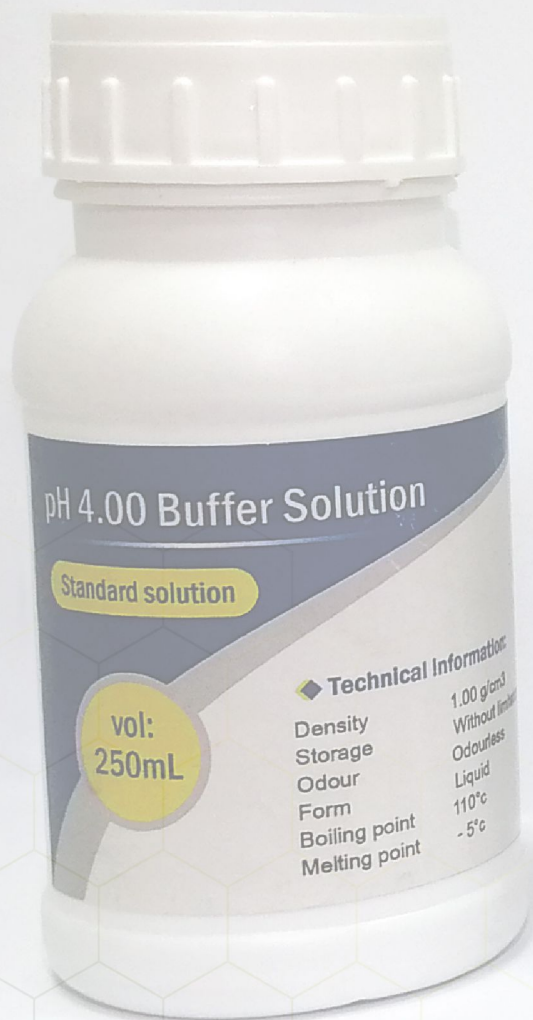
- pH Range: 0 to 14
- pH measurement Resolution: 0.01 pH
- Voltage measurement Resolution: 0.1 mV
- 3 Point Calibration,using buffers 4.00 , 7.00 , 10.00
- With ATC (Automatic Temperature Compensation)
- Display "offset" and "slope" of Electrode
- Can display Eelectorde Condition or life time
- Save Electrode Calibration Data on Probe internal memory
- High speed in data refreshing,every 0.3 second
- Can display last calibration data of each buffers,such as saved temperature and potential (mV)
- Can display pH,Temperature and potential (mV) at the same time
- Can display solution temperature at the same time
- Display probe battery life time

● ORP Meter Specification

- Potential Measurement Range: ± 2300 mV
- Potential Measurement Resolution: 1 mV
- High speed in data refreshing,every 0.3 second
- Can display solution temperature at the same time
- Display probe battery life time

● Temperature Meter Specification

- Range: -70 °C to $+300$ °C
- Temperature Measurement Resolution: 0.1 °C
- High speed in data refreshing,every 0.3 second
- Display probe battery life time



Website:

www.AraElectrode.com

www.AraElectrode.ir

Email Address:

Management@AraElectrode.com

Support@AraElectrode.com

info@AraElectrode.com

Phone Number:

+98 41 3426 5124

Address:

IRAN, East Azerbaijan, Tabriz, Science and Technology Park



AraElectrode