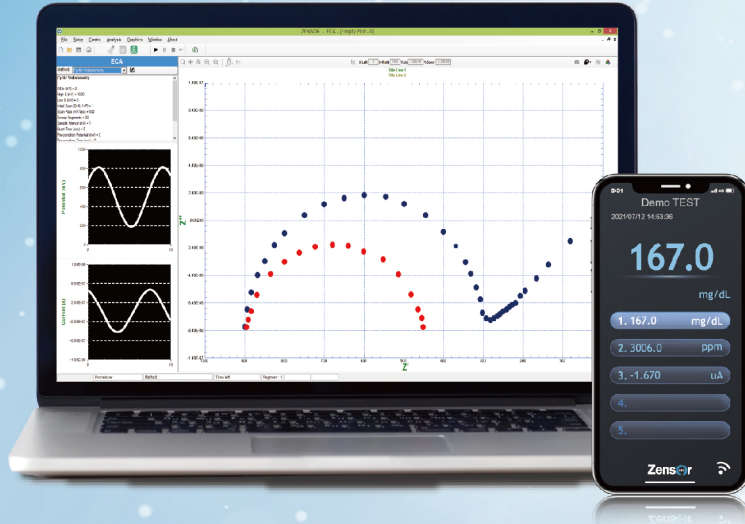


ZensOr^{R&D} Wireless EIWP100/110

Wireless AC Impedance / Electrochemical Impedance Spectroscopy (EIS)



ECWP100S

Remoter



EIWP100C / EIWP110C

Connector



Wireless Transmission

Control wireless, 20m in maximum.



AC Impedance Analysis

Electrochemical Impedance Spectroscopy (EIS) and Equivalent Circuit Model fitting.



Electrochemical Method

Setting simultaneously or individually with electrochemical methods.



Present on Mobile Phones' APP

Electrochemical data can be transferred to APP to simulate the application of sensor.

Remoter

- Connect with computer
- Control electrochemical methods



- Electrochemical data can be transferred to App

Connector

- Wireless
- Plug and play

Specification

Electrochemical Methods	★EIWP100	★EIWP110	ECWP100single	ECWP100plus
	EIWP100C / ECWP100S	EIWP200C / ECWP100S	ECWP100C / ECWP100S	ECWP100C / ECWP100R
Cyclic Voltammetry (CV)	✓	✓	✓	✓
AC Impedance (EIS)	✓	✓	—	—
Impedance - Time	✓	✓	—	—
Impedance - Potential	✓	✓	—	—
Amperometry (IT)	—	✓	✓	✓
Linear Sweep Voltammetry (LSV)	—	✓	✓	✓
Differential Pulse Voltammetry (DPV)	—	✓	✓	✓
Square Wave Voltammetry (SWV)	—	✓	✓	✓
Open Circuit Potentiometry (OCP)	—	✓	✓	✓
Multi-Channel	—	—	✓	✓
Range	(A) Voltage scan range : +2 ~ -2 (V) (B) Current range : 1.0E-3 ~ 1.0E-9 (A) (C) Current resolution : 0.5% of current range (D) Maximum wireless distance : 20m (E) Frequency range : 0.2 Hz~200k Hz (For EIWP100 / EIWP110)			
Operating System	Windows 10 and above			
Communication	USB1.1 and 2.4G RF			
Power	(A) Remoter input : DC 5V, 2A. Connector input : DC 5V, 0.5A (B) Battery life : 1 ~ 6 Hr			
Weight and Dimensions	Connector	~25 g, 61.0 x 20.0 x 19.5 mm		
	Remoter	~15 g, 57.7 x 22.5 x 14.5 mm		~150g, 125 x 81 x 28 mm



Download APP

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