

Zensor R&D MCP ECWP100

Wireless Multi-Channel Potentiostat/Electrochemical Analyzer



ECWP100R

Remoter

ECWP100C

Connector



Wireless transmission

Control wireless, 20 m in maximum.



Multi-Channel Design

Connect 1-8 channels at the same time, Control simultaneously or individually.



Electrochemical Method

Setting simultaneously or individually with electrochemical methods.



Present on mobile Phone's App

Electrochemical data can be transferred to phones' App to simulate the application of sensor.

Remoter

- Connect with computer
- Electrochemical methods
- Charge for connector



• Electrochemical data can be transferred to phones' App

Connector

- Wireless
- Connected and go
- Connect 1-8 channels at the same time

Specification	
Electrochemical Methods	(A) Cyclic voltammetry (CV) (B) Amperometry (IT) (C) Open circuit potentiometry (OCP) (D) Differential pulse voltammetry (DPV) (E) Square wave voltammetry (SWV) (F) Linear sweep voltammetry (LSV)
Range	(A) Voltage range scan : +2 ~ -2 (V) OCP voltage range : +1800 mV ~ -1800 mV (B) Current range : $1 \times 10^{-3} \sim 1 \times 10^{-9}$ (A) (C) Current resolution : 0.5% of current range (D) Maximum wireless distance : 20 m
Operation system	Window 7 and/or 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
Dimension	Remoter : 125 x 81 x 28 mm Connector : 61 x 20 x 19.5 mm
Weight	Remoter input : ~ 150 g Connector input : ~ 25 g

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