

ZensorMCP ^{R&D} ECWP100

Wireless Potentiostat/Electrochemical Analyzer



ECWP100S

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 Phones' App

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

Remoter

- Connect with computer
- Electrochemical methods
- Charge for connector



ECWP100S

ECWP100C

CS200



- Electrochemical data can be transferred to phones' App

Connector

- Wireless
- Connected and go
- 1 or more connectors are used at the same time



ECWP100C

Download
APP



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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 : $1 \times 10^{-3} \sim 1 \times 10^{-10}$ (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 : 57.5 x 22.5 x 14.5 mm Connector : 58 x 20.5 x 18.5 mm
Weight	Remoter : ~ 15 g Connector : ~ 25 g

Zensor R&D

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