



ECAS 可置換晶片 自由編輯程序
Replaceable & Editable Chip

- 4** 只要 4 個步驟完成程序編輯
(Procedure / Data analysis / Concentration transfer / Action to burn-in)
- E** 各種ECA方法可交互編輯使用
(CV / LSV / SWV / DPV / IT)
- S** 可搭配樣品進樣狀況交互編輯使用
(Waiting for sample / Waiting for second / Waiting for trigger button)

實擬生化感測器 離線獨立使用
Simulation of Chemical Sensor for Off-line Use



ECA 電化學分析儀
Electrochemical Analyzer. (ECA)

ECA 模式下電壓與電流以示波器形式即時同步顯示
(The Oscillographic Illustration in Potential and Current with Real Time during ECA Operation)

- CV** (Cyclic Voltammetry)
- LSV** (Linear Scan Voltammetry)
- SWV** (Square-Wave Voltammetry)
- DPV** (Differential Pulse Voltammetry)
- IT** (Amperometry)
- OCP** (Open-Circuit Potential)

ECAS100 Specification

Main Function	(A) ECA (ElectroChemical Analyzer) with On-line (B) ECAS (ElectroChemical Analytical Simulator) with Off-line
Characteristic	(A) ECA/ECAS mode change (B) ECAS for application in real sample testing with off-line (C) Flexible edit program for operation of ECAS with off-line (D) 5.0 color touch panel for display the result of ECAS with off-line
Electrochemical Methods	(A) Cyclic Voltammetry (CV) (B) Linear Scan Voltammetry (LSV) (C) Square Wave Voltammetry (SWV) (D) Differential Pulse Voltammetry (DPV) (E) Amperometry (IT) (F) Open Circuit Potential - Time (OCP)
Range	(A) Voltage range: +2 ~ -2 (V) (B) Current range: $10^{-3} \sim 10^{-9}$ (A) (C) Data records number in ECAS mode: 100 data records
Operation system	Windows 10 or above
Power input	5V, 1600mA
Sensor connector color	(A) Green color -Working electrode (WE) (B) Red color- Counter electrode (CE) (C) White color - Reference electrode (RE)
Size of machine	193(L) x 112(W) x 43(H) mm

Zensor R&D Simulator

電化學分析儀-模擬器 ECAS100



-  可置換晶片 自由編輯程序
Replaceable & Editable Chip
-  5.0吋彩色觸控螢幕
5.0 Color Touch Panel
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Simulation of Chemical Sensor for Off-line Use
-  電化學分析儀功能
Electrochemical Analyzer

