Zensor Simulator

AC Impedance ACIP 100

- Replaceable & Editable Chip
- 5.0 Color Touch Panel
- Simulation of Chemical Sensor for Off-line Use
- EIS-AC Impedance

ECAS Replaceable & Editable Chip

4 It only takes 4 steps to complete process editing.
（**P**rocedure / **D**ata analysis / **C**oncentration transfer / **A**ction to burn in）

E Every ECA methods can be interchangably edited.
(**CV** / **IT** / EIS-**AC Impendance**)

S It can accomodate sample condition for interchangable editing.
（Waiting for sample / Waiting for second / Waiting for trigger button）

Specification

	ACIP 100
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) Amperometry (IT) (C) AC Impedance (ACIP) (D) Impedance-Time (IMPT) (E) Impedance-Potential (IMPE)
Range	(A) Voltage range: +2 ~ -2 (V) (B) Current range: 10^{-2} ~ 10^{-9} (A) (C) Data records number in ECAS mode: 100 data records (D) ACIP Frequency: 10mHz-1KHz
Operation system	Window XP 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
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