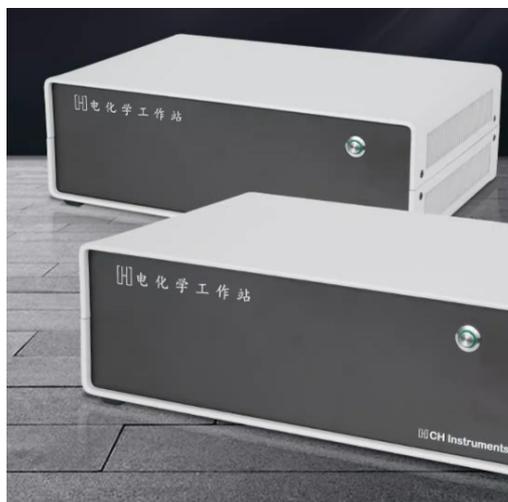


Lab Electrochemical Workstation Potentiostat For Laboratory Use

Item Number: KT-CHIP



Introduction

Electrochemical workstations, also known as laboratory electrochemical analyzers, are sophisticated instruments designed for precise monitoring and control in various scientific and industrial processes.

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Model	CHIP600E/CHIP602E/CHIP604E/CHIP610E/CHIP620E/CHIP630E/CHIP650E/CHIP660E
Maximum potential range	±10V
Maximum current	±250mA continuous, ±350mA peak
Cell voltage	±13V
Constant current range	3nA-250mA
Reference electrode input impedance	1e12 ohms
AC impedance	0.00001 ~ 1MHz
Input bias current	
CV and LSV scan speed	0.000001V/s ~ 10,000V/s
Pulse width for CA and CC	0.0001 ~ 1000sec
Minimum sampling interval for CA and CC	1ms

Model	CHIP700E/CHIP710E/CHIP720E/CHIP730E/CHIP7500E/CHIP760E
Maximum current	±250 mA continuous (sum of both channels), ±350 mA peak
Cell voltage	±13 V
Current range	3 nA - 250 mA
Potentiostat rise time	less than 1 ms, typically 0.8 ms
Potentiostat bandwidth (-3 dB)	1 MHz
Reference electrode input impedance	1e12 ohms
CV and LSV scan speed	0.000001 V/s to 10,000 V/s, dual channel simultaneous scan and sampling to 10,000 V/s
Pulse width for CA and CC	0.0001 ~ 1000 sec
Minimum sampling interval for CA	1 ms, dual channel simultaneous
Pulse width for DPV and NPV	0.001 ~ 10 sec
SWV frequency	1 ~ 100 kHz