

물품규격서

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품명	모델 및 규격(사양)	수량
<p>전기화학 워크 스테이션</p>	<p>1. 모델: Multichannel Potentiostat CS3104(OptionA) - 제조사: 중국 CORRTEST Instruments</p> <p>2. 주요규격 및 구성</p> <ul style="list-style-type: none"> • Channels: 4 independent, isolated , floating; 1 channel with EIS (Option A). • Potential range : $\pm 10V$; resolution $10\mu V$ ($>100Hz$) , $3\mu V$ ($<10Hz$); accuracy $0.1\%FS \pm 1 mV$. • Current range: $2 nA$ to $\pm 500 mA$; resolution $1 pA$; accuracy $0.1\% FS$; max output $\pm 500 mA$. • Compliance voltage : $\pm 12 V$ (series docs list up to $\pm 21 V$ in some manuals). • Input impedance (Ref): $10^{12} \Omega$ II $20 pF$. • Scan rates: CV/LSV $0.001 mV/s$ to $10,000 V/s$; min CV step $0.075 mV$. • Pulse widths: CA/CC $0.0001-65,000 s$; DPV/NPV $0.0001-1,000 s$; SWV $0.001-100 kHz$. • ADC/DAG: AD 16-bit@$1 MHz$, 20-bit@$1 kHz$; DA 16-bit, $1 \mu s$ setup . • EIS (on 1 channel): $10 \mu Hz-1 MHz$, AC amplitude $1-2500 mV$, freq accuracy 0.005%, DC bias -10 to $+10 V$, sine/triangle/square, log/I inear sweep. • Techniques: OCP, potentiostatic/galvanostatic, Tafel, galvanodynamic, multi-steps, GP/CA/CC, CV/LSV/SCV, SWV/DPV/NPV/DNPV/ACV/SHACV/FTACV, stripping modes, amperometric DPA/DDPA/TPA/IPAD . • Communication/software: Ethernet control ; Windows 7/8/10/11 ; CS Studio for control/analysis . • Dimensions/weight: approx . $40 \times 40 \times 14 cm$; $\sim 12-12.5 kg$. <p>3. 제품사진</p> 	<p>1대</p>