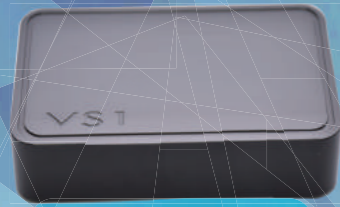


VS1 sensing kit



VS1



Plug adapter



Alligator clip



Cell



VS1 Specification

Power	USB
Dimensions	12.5cmx7.5cmx2.6cm
Operating system	Windows XP above
General parameters	Voltage: -2V to +2V
	Applied potential resolution: 1mV
	Current: 1nA to 20mA
	Measured current resolution: 0.2% of current range
Electrochemical functions	Cyclic voltammetry (CV)
	Scan rate: 1mV/s to 500mV/s
	Cycles: 1 to 10
	Scan range: between -2000mV to 2000mV
	Chronoamperometry (CA)
	Scan time: 1s to 1800s
	Scan potential: -2000mV to 2000 mV
	Square wave voltammetry (SWV)
	Scan range: -2000mV to 2000mV
	Ph (pulse height): -1000mV to 1000mV
	Pw (pulse width): 1ms to 1000ms
	Sh (step height): -1000mV to 1000mV
	St (step time)=2Pw
	Differential pulse voltammetry (DPV)
	Scan range: -2000mV to 2000mV
	Ph (pulse height): -1000mV to 1000mV
Pw (pulse width): 1ms to 1000ms	
Sh (step height): -1000mV to 1000mV	
St (step time): 1ms to 1000ms	
Anodic stripping voltammetry (ASV)	
CA+CV, CA+DPV, CA+SWV	



Vida Biotechnology Co., Ltd.

Compact Potentiostat - VS1



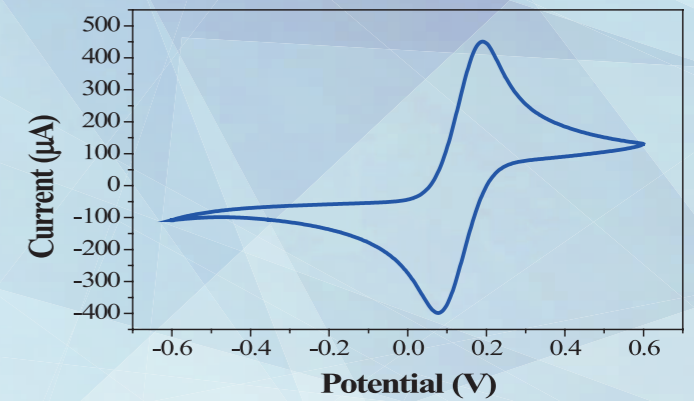
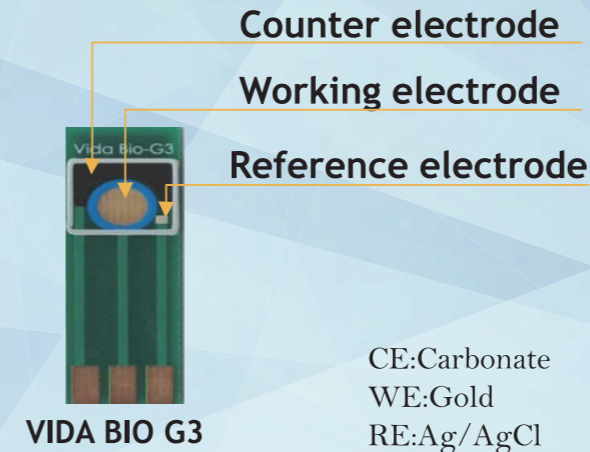
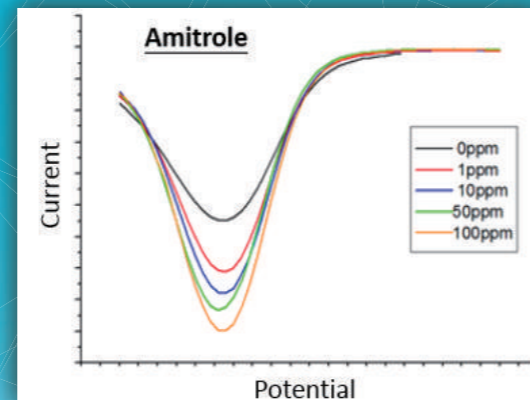
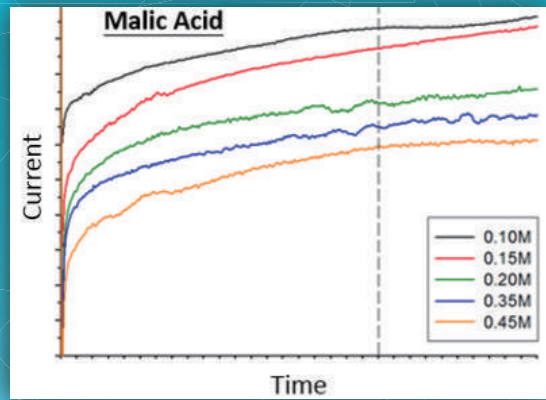
- Portable device
- Light weight
- Easy to use
- Power supplied with USB
- Connection to PC
- CA, CV, DPV, SWV, ASV measurement modes
- User friendly interface



Scan here

Customized Project Development

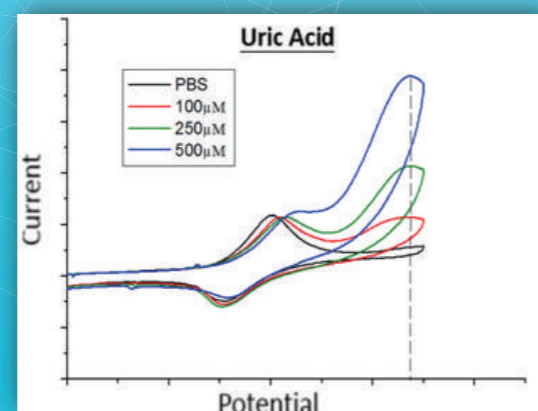
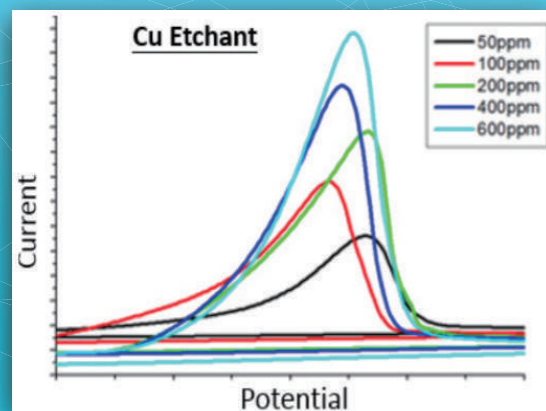
VIDA BIO Chip-G3



Patents

- ✓ Free from cross-contamination
- ✓ Preventing samples spreading with electrodes adjacent to each other
- ✓ Uniformly spreading thereon
- ✓ Allowed constant volume (<math><40 \mu\text{l}</math>) of samples

VIDA BIO-VS1 comparison



Item Brand	U.S.A	Netherland	France	Spain	Taiwan-Brand A	Taiwan VIDA BIO VS1
Dimensions	14.2 cm × 9.2 cm × 4.7 cm (L × W × H)	6.7 cm × 5.0 cm × 2.8 cm (L × W × H)	19.7 cm × 13.6 cm × 37.7cm (L × W × H)	8.0 cm × 5.4 cm × 2.3 cm (L × W × H)	19.3 cm × 11.2 cm × 4.30 cm (L × W × H)	12.5 cm × 7.5 cm × 2.6 cm (L × W × H)
Functions	CV,CA, DPV,SWV	CV,CA, DPV,SWV, EIS	OCV,CV, CVA,CA, CP,SV, LASV, ACV,LSV	CV,CA, DPV,SWV	CV,LSV, DPV,SWV, IT,OCP	CV,CA,DPV, SWV,ASV, Data analysis program
Interface complexity	***	*	*	*	**	*
Chip price	---	\$6.5 USD/pcs	\$17.9 USD/pcs	\$5.5 USD/pcs	\$5.4 USD/pcs	\$3.5 USD/pcs
Chip of handy use	---	***	**	**	***	*
Instrument price	\$3,677 USD	\$8,107 USD	\$9,799 USD	\$5,499 USD	\$11,433 USD	\$3,000 USD