

Build your own Multi-Channels

From **1 single** research-grade instrument...



Applications

Electrochemistry
Energy **sources**
Energy **storage**
Corrosion
Batteries
Coatings
Sensors
And so on

Electrochem
OrigaLys

... into **999 multiple, flexible and portative**
Potentiostats - Galvanostats - Impedancemeters Channels

	OrigaFlex		
Specifications overview	OGF500	OGF01A	OGF05A
Potentiostat	Yes		
Galvanostat	Yes		
Maximum current	±500 mA	±1 A	±5 A
Compliance voltage	±20 V		
Max potential applied	±15 V		
Potential resolution	450 µV on ±15 V		
Potential accuracy	< 0.1% FSR (Full Scale Range)		
Voltage range	±15 V		
Maximum scan rate	200 V/s		
Current ranges	9 (14 with LC)		6 (11 with LC)
with standard board	5 nA to 500 mA	10 nA to 1A	50 µA to 5A
with low current option	1 pA to 10 nA		
Current accuracy	< 0.1% FSR		
Current resolution	0.003 % FSR		
Potentiostat rise/fall time	< 4 µs		
Input impedance	10 GΩ (//20 pF)		
Interfaces	Ethernet, USB 2.0		
Acquisition time	1 µs		
IR compensation Manual	No, 4 pole measurements capability		
Electrodes connections	2, 3, 4		
A/D converter	16 bits		
EIS capability	100 µHz to 5 MHz		
Analog I/O	7		
External current booster	From 5 A to 20 A		
Floating option	No, versatile connectivity		
Filters	1 µs to 1 s, analog		
Dimensions (DxWxH)	300 x 85 x 450 mm		300 x 120 x 450 mm
Power requirements	88-264 Vac, 47-63 Hz, 30 VA	88-264 Vac, 47-63 Hz, 40 VA	115/230 Vac, 47-63 Hz, 150 VA
Weight (chassis + pstats)	6.7 kg	6.7 kg	10.3 kg
Software package	OrigaMaster (by USB 2.0), Origaviewer (by Ethernet)		
Cell cable length (std)	On demand		
Cell cable length options			
Temperature control	Probe input (-10°C to 105°C)		

Subject to change without notice

MORE INFO: www.origalys.com



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More information?

**Need for a demonstration
or a quote...**

Feel free to contact

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