

ORIGAFLEX RANGE

OrigaLys Instruments



WHO ARE WE?

Specialist in electrochemical analysis and measurement devices

Designing, manufacturing & selling of analytical instruments in Electrochemistry

Potentiostats, Galvanostats, Impedance meters, pH-meters, Conductivity meters, Electrodes & accessories...



Customers all over the world



All our products are designed and manufactured in France



All our products are guaranteed for 5 years



31 distributors in 66 countries



90% of our partners are based in the Auvergne Rhône-Alpes region

MORE THAN 75 YEARS OF EXPERIENCE IN ELECTROCHEMISTRY...

1946

Tacussel



1988

Radiometer



2010

OrigaLys



2022

OrigaFactory



OUR PRIORITIES

CARING ABOUT PEOPLE

Participative management - Team-Building - Trust - Solidarity - Evolution



A united and dynamic team

INNOVATE DIFFERENTLY & SUSTAINABLY

Initiative - Eco conception - Repairability - Sustainability - Performance



SHARE & TRANSMIT

Experiences - Preserve our know-how - Transmit - Train



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electrochem
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THEY TRUST US!



To access our references / articles / scientific publications:



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THEY TRUST US!



FRANCE  Fuel Sea 



MOROCCO  



MARTINIQUE  



SPAIN  



PAKISTAN  



FRANCE  

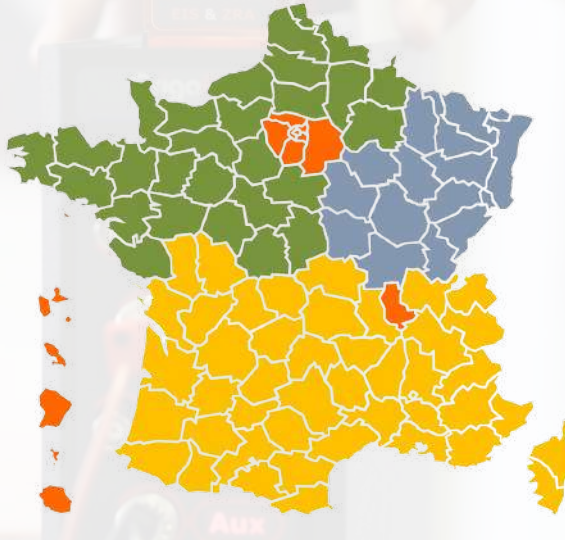


LUXEMBOURG  



DENMARK  

OUR FRANCE NETWORK



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Patrick BALLAND

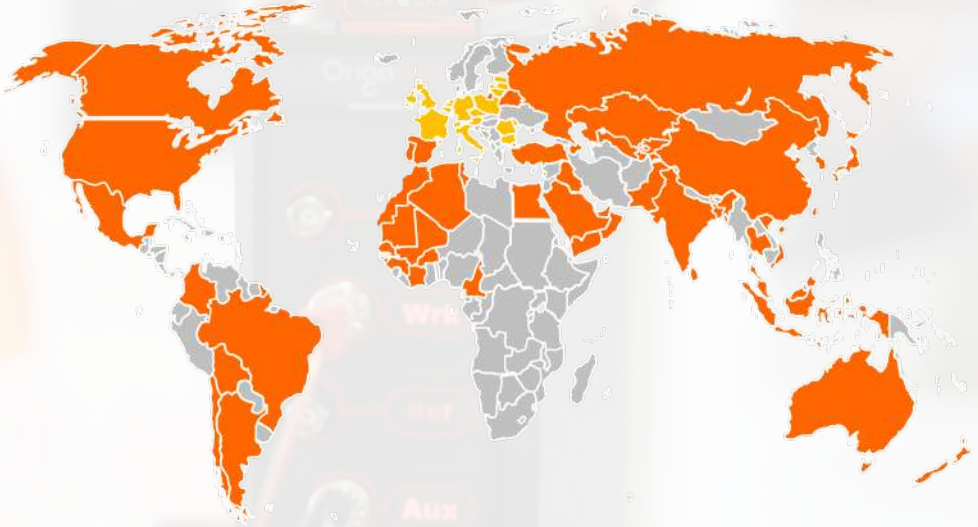
Distributor - Dexis BFC

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Find the list of our
distributors on our
website:



If we do not yet have a distributor in your country, you can contact us directly by telephone on **+33 9 54 17 56 03** or by email: **sales@origalys.com**.

OGF⁺500
All in one
Potentiostat
Galvanostat
EIS & ZRA

Origaflex

Ref2

Wrk

Ref

Aux

°C

Gnd

OGFPWR
Power
Supply

Origaflex



Channel



SUMMARY

9 Origaflex Range

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DISCOVER THE NEW POWERS



OGF 500
OGF⁺500
OGF⁺500EIS

±500 mA / ±20 V



OGF 01A
OGF⁺01A
OGF⁺01AEIS

±1 A / ±20 V



OGF 05A
OGF⁺05A
OGF⁺05AEIS

±5 A / ±20 V



OGF 10A
OGF⁺10A
OGF⁺10AEIS

±10 A / ±20 V

- System of « independant module ».
- Combination of modules (or channels) from different powers: 500 mA, 1 A, 5 A and 10 A.
- Each module is a true Potentiostat and Galvanostat.
- Connector for Battery Holders and T°C.
- Impedance module (OGFEIS) in option.

DISCOVER OUR ORIGAMUX MULTIPLEXER



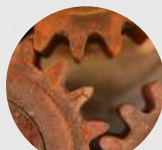
MUX01A
MUX10A

**Allows you to chain sequential measurements
(corrosion / battery / fuel cell)**

MAIN APPLICATIONS OF ORIGAFLEX



Batteries



Corrosion



Fuel cells



Sensors

ORIGAFLEX RANGE

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FUNCTIONING

To power the system, there are three possibilities, it all depends on your needs...

DRIVE UNIT - MULTI-CHANNEL CONFIGURATION

Power supply / Control of channels / Built-in dummy cell

OGF^{DRV}



OGF⁺DRV



Communication

TTL

RS232



New!

Example:



OGF⁺500 + OGF⁺01A + OrigaMux + 3 x OGF⁺05A

Control of external instruments:

- Rotating electrode (RDE)
- Magnetic stirrer
- Thermostat bath
- Solar simulator
- Climate chamber
- Etc.

POWER SUPPLY - FOR SINGLE-CHANNEL



OGF^{PWR}

- Power supply
- For only one channel



One channel of 500
mA
=
Pack OGF⁵⁰⁰
Consult our different
Pack OGF :



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OGF: PERFECT FOR TEACHING / EDUCATION



- Maximum Current: ± 500 mA, ± 1 A, ± 5 A and ± 10 A
- Maximum Applied Potential: ± 15 V
- Compliance: ± 20 V

Available modules:

OGF500 / OGF01A
OGF05A / OGF10A



OGF⁺: PERFECT FOR RESEARCH / CORROSION



- New potential ranges: ± 3 V, ± 6 V and ± 15 V
- All the specifications of the OGF
- New method: ZRA
- Communication: TTL



Available modules:

OGF⁺500 / OGF⁺01A
OGF⁺05A / OGF⁺10A



OGF^{EIS}: PERFECT FOR RESEARCH / BATTERIES



- All the specifications of the OGF and OGF⁺
- Built-in EIS: 10 μ Hz – 5 MHz

Available modules:

OGF^{EIS}500 / OGF^{EIS}01A
OGF^{EIS}05A / OGF^{EIS}10A



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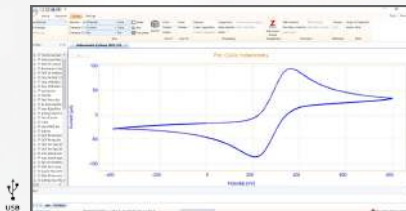
Our systems are flexible and modular according to your needs.

FROM AN ECONOMICAL SINGLE POTENTIOSTAT



Thanks to
the **Power
Supply**

OrigaMaster - OM5

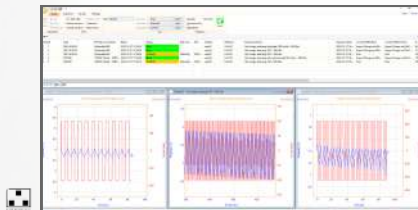


TO MULTI-POTENTIOSTATS / GALVANOSTATS / EIS



Thanks to
the **Drive
Unit**

OrigaViewer - OV2



OR A SPLIT MULTI-POTENTIOSTATS TO GET MORE SYSTEMS



AND



Thanks to
the **Power
Supply**

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electrochem
OrigaLys



OGF500

OGF500

±500 mA / ±20 V

New!

OGF⁺500

±500 mA / ±20 V

Voltage ranges:
±3 V / ±6 V / ±15 V

ZRA Method

TTL Communication

New!

OGF⁺500EIS

±500 mA / ±20 V

Voltage ranges:
±3 V / ±6 V / ±15 V

ZRA Method

TTL Communication

**Built-in EIS:
5 MHz - 10 µHz**

- Simultaneous measurements on different channels can be synchronized.
- Built-in EIS with OGF⁺500EIS (10 µHz - 5 MHz).
- Individually controllable, via USB, with OrigaMaster 5.
- View the module status and free potential.
- Up to 10 OGF500 modules with 1 Drive Unit & Dummy Cell.

TECHNICAL SPECIFICATIONS

Electrodes	2, 3 and 4	Potential range	±15 V (OGF) / ±3, ±6, ±15 V (OGF+)
Max. applied potential	±15 V	Potential accuracy	< 0.1% FSR (Full Scale Range)
Compliance voltage	±20 V	Potential resolution	0.003%
Maximum current	±500 mA	Current accuracy	< 0.1% FSR
Current ranges	±5 nA to ±500 mA in 9 decades	Current resolution	0.003% FSR (best: 150 fA)

Find all the technical specifications on page 26.

OPTIONS

OrigaTrod Kit



OrigaMµ



OrigaDiff



Battery holders



“

CORROSION ON AERONAUTICAL MATERIALS

« The after-sales service is very efficient »

I like OrigaLys because they are a good quality/price ratio. In addition, the after-sales service is very efficient: my laboratory is in Chile and despite the distance, once a year I receive the visit of Cédric Martinez who updates my equipment both in hardware and the software.



Pontificia Universidad Católica de Chile

ORIGAFLEX RANGE

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Electrochem
OrigaLys



OGFOIQ

New!

OGF01A
±1 A / ±20 V

OGF⁺01A
±1 A / ±20 V

New!

OGF⁺01AEIS
±1 A / ±20 V

Voltage ranges:
±3 V / ±6 V / ±15 V

Voltage ranges:
±3 V / ±6 V / ±15 V

ZRA Method

ZRA Method

TTL Communication

TTL Communication

Built-in EIS:
5 MHz - 10 μHz

- Simultaneous measurements on different channels can be synchronized.
- Built-in EIS with OGF⁺01AEIS (10 μHz - 5 MHz).
- Individually controllable, via USB, with OrigaMaster 5.
- View the module status and free potential.
- Up to 10 OGF01A modules with 1 Drive Unit & Dummy Cell.

TECHNICAL SPECIFICATIONS

Electrodes	2, 3 and 4	Potential range	±15 V (OGF) / ±3, ±6, ±15 V (OGF+)
Max. applied potential	±15 V	Potential accuracy	< 0.1% FSR (Full Scale Range)
Compliance voltage	±20 V	Potential resolution	0.003%
Maximum current	±1 A	Current accuracy	< 0.1% FSR
Current ranges	±10 nA to ±1 A in 9 décadas	Current resolution	0.003% FSR (best: 300 fA)

Find all the technical specifications on page 26.

OPTIONS

OrigaTrod Kit



OrigaMμ



OrigaDiff



Battery holders



“

QUANTIFICATION OF CORROSION

« It ensures quality technical follow-up and does not hesitate to go further to help us reflect on areas of improvement and development »

The CETIM has been working with OrigaLys for 10 years. It was one of our first suppliers of electrochemical equipment. We started with the acquisition of a multichannel potentiostat (8 channels with 1 impedance channel) which is still very functional today. OrigaLys is much more today than just a supplier, it has become a true partner and has accompanied us for all its years in our electrochemical tests. We can highlight the great listening and availability of the OrigaLys team. It ensures quality technical follow-up and does not hesitate to go further to help us reflect on areas of improvement and development relevant to our tests. OrigaLys, for example, helped us develop an electrochemical test method to qualify a sacrificial anode following the requirements of a specification from one of our customers. Today, we set up with their technical support electrochemical permeation tests to measure the amount of hydrogen entering a metallic material.



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Electrochem
OrigaLys



OGF05A

New!

New!

OGF05A
±5 A / ±20 V

OGF⁺05A
±5 A / ±20 V

OGF⁺05AEIS
±5 A / ±20 V

Voltage ranges:
±3 V / ±6 V / ±15 V

Voltage ranges:
±3 V / ±6 V / ±15 V

ZRA Method

ZRA Method

TTL Communication

TTL Communication

Built-in EIS:
5 MHz - 10 μHz

- Simultaneous measurements on different channels can be synchronized.
- Built-in EIS with OGF⁺05AEIS (10 μHz - 5 MHz).
- Individually controllable, via USB, with OrigaMaster 5.
- View the module status and free potential.
- Up to 4 OGF05A modules with 1 Drive Unit & Dummy Cell.

TECHNICALS SPECIFICATIONS

Electrodes	2, 3 and 4	Potential range	±15 V (OGF) / ±3, ±6, ±15 V (OGF ⁺)
Max. applied potential	±15 V	Potential accuracy	< 0.1% FSR (Full Scale Range)
Compliance voltage	±20 V	Potential resolution	0.003%
Maximum current	±5 A	Current accuracy	< 0.1% FSR
Current ranges	±50 μA to ±5 A in 6 décadas	Current resolution	0.003% FSR (best: 1.5 nA)

Find all the technical specifications on page 26.

OPTIONS

OrigaTrod Kit



OrigaMp



OrigaDiff



Battery holders



“

DEVELOPMENT OF NEW ELECTROCATALYSTS

« We strongly recommend this system for the electrochemical measurement »

OrigaFlex (OGF05A) is an excellent option to perform electrocatalytic measurements related to water electrolysis. The system is very easy to use and the software offers multiple and interesting options. On the other hand, the technical support of OrigaLys is always accessible and effective. We strongly recommend this system for the electrochemical measurements dealing with water electrolysis.



Universitat d'Alacant
Universidad de Alicante

Institute of Electrochemistry - University of Alicante, Spain

ORIGAFLEX RANGE

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electrochem
OrigaLys



OGFIOQ

New!

OGF10A
±10 A / ±20 V

OGF⁺10A
±10 A / ±20 V

New!

OGF⁺10AEIS
±10 A / ±20 V

Voltage ranges:
± 3 V / ± 6 V / ± 15 V

Voltage ranges:
± 3 V / ± 6 V / ± 15 V

ZRA Method

ZRA Method

TTL Communication

TTL Communication

Built-in EIS:
5 MHz - 10 μHz

- Simultaneous measurements on different channels can be synchronized.
- Built-in EIS with OGF⁺10AEIS (10 μHz - 5 MHz).
- Individually controllable, via USB, with OrigaMaster 5.
- View the module status and free potential.
- Up to 10 OGF10A modules with 1 Drive Unit & Dummy Cell.

TECHNICALS SPECIFICATIONS

Electrodes	2, 3 and 4	Potential range	±15 V (OGF) / ±3, ±6, ±15 V (OGF+)
Max. applied potential	±15 V	Potential accuracy	< 0.1% FSR (Full Scale Range)
Compliance voltage	±20 V	Potential resolution	0.003%
Maximum current	±10 A	Current accuracy	< 0.1% FSR
Current ranges	±100 μA to ±10 A in 6 décadas	Current resolution	0.003% FSR (best: 3 nA)

Find all the technical specifications on page 26.

OPTIONS

OrigaTrod Kit



OrigaMu



OrigaDiff



Battery holders



“

FUEL CELL, ELECTROLYZER & CATALYST

« **The OGF10A+EIS has been a great success in achieving our goals and produced good results** »

We have been using the OrigaLys model OGF10A+EIS used for general electrochemistry, Fuel cell, Electrolyzer and Catalyst research activity. We are very pleased with the results. Our aim was to develop a catalyst for Green energy applications. The OrigaLys machine has been a great success in achieving our goals and produced good results. The unit is easy to operate, has an analysis tools and produces a report that is both comprehensive and easy to interpret.





OGFMUX

OGF500
All in one
Potentiostat

Electrochemical multiplexer

Program your methods on a multitude of cells



MULTI-POTENTIOSTAT



MULTIPLEXER

- Maintain your potentials on all your cells and take current measurements sequentially
- Get up to 72 cells for 1 measuring instrument

ZRA mode :

- Maintaining 0 V potential during sequential measurements
- Safety against power outages in ZRA mode

TECHNICALS SPECIFICATIONS

Number of cells	8 cells per MUX	Current range	From pA to 10 A per cell depending on the connected OGF
Switched Inputs	WRK + (REF REF2 AUX TEMP + GND)	Maintaining potential	15 V ±100 mA in 2 / 3 / 4 electrodes
Availability	01A / 10A	Safety against power outages in ZRA mode	Yes
Switching type	Relay	Communication	Driven by OGFDRV (ethernet)
Impedance input	10GΩ 20pF	Connectors	1 6-point connector + 2 SMB per cell
Cascading	Possibility of having 9 OrigaMux in cascade, allowing up to 72 channels	PC software	OrigaViewer 2



Corrosion monitoring
Corrosion inhibitor test

Galvanic corrosion
Surface treatment

Fuel cells
Microbial Fuel Cell

Electrolyser



EASCVsens PROJECT



Voltammetry by current sampling on a network of electrodes for the detection of metallic trace elements in water



Partners :



OrigaMux Multiplexer



Ultra micro electrode array

Read more:



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Bi-Potentiostat

- Monitor by Ethernet
- RRDE compatible
- Three potentiostats
- OrigaFlex channels are combinable:
from 500 mA, 1 A, 5 A to 10 A.



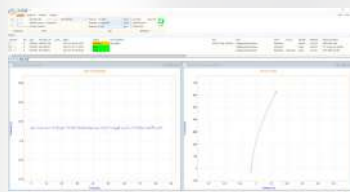
DRV
Unit

WRK
1

WRK
2

AUX
REF

OrigaViewer 2



IDEAL FOR RRDE ANALYSIS

Concept

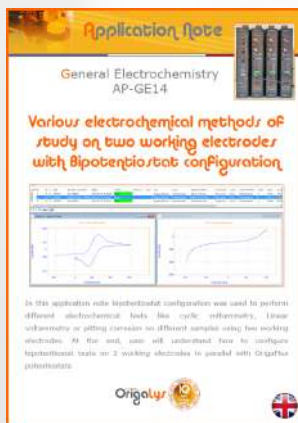
In bi-potentiostat mode, we monitor three electrodes: two working electrodes (WRK 1 & WRK 2) and one counter electrode (AUX).

Optimal configuration

Current Work 1 + Work 2 < Current Aux/Ref

APPLICATION NOTE: AP-GE14

Find out via the QR code below how to configure the bipotentiostat with the OrigaFlex range.



“

ELECTROCATALYSIS AND BATTERY RESEARCH

" The Origaflex offers great value for a flexible system "

It performs flawless during standard measurements such as rotating-ring disk measurements of nanoparticles or charge discharge curves of battery materials. We have used it, e.g., in our recent publication in-ChemSusChem. The system is simple and easy to use. Most importantly, my students like to work with the potentiostat as well as with the software Origamaster and Origaviewer. The software is very intuitive and allows drawing complex experimental protocols using the most common electrochemical methods. The graphical representation of the experimental protocol makes it also easy to document the performed experiment. Overall, the Origaflex system offers great value for a flexible and accessible potentiostat system at a low price.



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OrigaLys

IN OPTION



OGFEIS

Complete your existing system with our external Electrochemical Impedance Spectroscopy (EIS)

Available methods:

- Potential Dynamic EIS
- Potential Fixed Frequency (Capacitance): Mott-Schottky
- Potential Fixed Frequency versus Time (HFR)
- Galvanic Fixed Frequency versus Time (HFR)
- Galvanic Dynamic EIS

COMPATIBILITY



OGFEIS WITH ORIGAFLEX

OGF500 OGF⁺500
OGF01A OGF⁺01A
OGF05A OGF⁺05A
OGF10A OGF⁺10A



OGFEIS WITH ORIGASTAT

OGS100
OGS200

TECHNICALS SPECIFICATIONS

Frequency range	10 μ Hz - 5 MHz	Data	Nyquist, Bode, Admittance, Mott-Schottky
Résolution	5 ppm	Analysis	Fit and simulation, find circle, element subtraction, export data
Input range	± 15 V	PC software	OrigaMaster and OrigaViewer
Signal types	Sine with delay and average on 1 to 10 determinations	Potentiel AC Amplitude	6 μ V à 7.5 V maximum
Input channels	E and I from the Potentiostat / galvanostat or X and Y external signals	Current AC Amplitude	100% of range I, best resolution 6 ppm

TECHNICALS SPECIFICATIONS

	OrigaFlex			
	OGF500 OGF +500 OGF +500EIS	OGF01A OGF +01A OGF +01AEIS	OGF05A OGF +05A OGF +05AEIS	OGF10A OGF +10A OGF +10AEIS
Potentiostat	Yes			
Galvanostat	Yes			
Maximum current	±500 mA	±1 A	±5 A	±10 A
Compliance voltage	±20 V			
Max. applied potential	±15 V			
Potential resolution	0.003 %			
Potential accuracy	< 0.1% FSR (Full Scale Range)			
Voltage range	±15 V with OGF / ±3 V, ±6 V and ±15 V with OGF+			
Maximum scan rate	200 V/s			
Current ranges	9 (14 with low current option)	9 (13 with low current option)	6 (11 with low current option)	6 (11 with low current option)
with standard board	±5 nA to ±500 mA	±10 nA to ±1 A	±50 µA to ±5 A	±100 µA to ±10 A
with low current option	1 pA to 10 nA			
Current accuracy	< 0.1% FSR			
Current resolution	0.003 % FSR (Best : 150 fA)	0.003 % FSR (Best : 300 fA)	0.003 % FSR (Best: 1.5 nA)	0.003 % FSR (Best: 3 nA)
Input impedance	1 TΩ (//20 pF)			
EIS	10 µHz - 5 MHz with OGF+EIS			
Interfaces	Ethernet, USB 2.0			
Acquisition time	> 100 µs			
IR compensation	Yes, manual and automatic Static			
Electrodes connections	2, 3, 4			
A/D converter	16 bits			
Floating option	Versatile connection			
Filters	1 µs to 1 s, analog, anti-aliasing filter (50 Hz / 60 Hz)			
Dimensions (DxWxH)	300 x 85 x 450 mm		300 x 120 x 450 mm	300 x 170 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	4.55 kg		8 kg	16 kg
Software	OrigaMaster (USB 2.0), OrigaViewer (Ethernet)			
Cable length	On demand			
Temperature control	-10°C to 105°C (14°F to 221°F)			
Auxiliary inputs	1 with OGF / 2 with OGF+			
Bandwidth	1 MHz		100 KHz	
Analog I/O	Yes, 1			

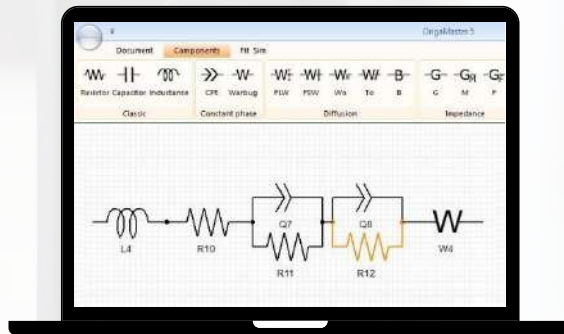
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Please, contact us for more information.



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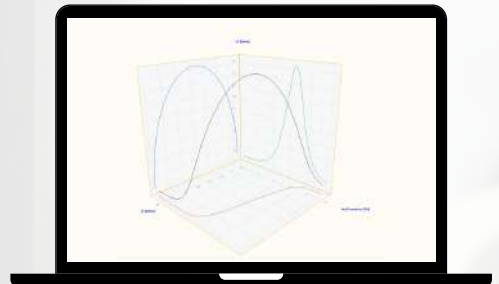
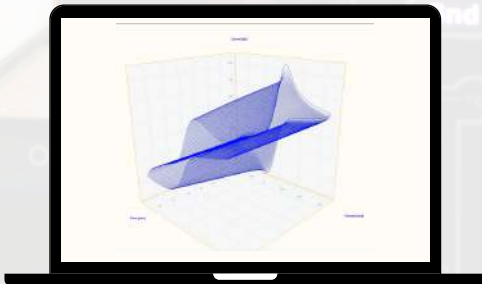
Equivalent circuit tool

The incomparable tool for studying equivalent circuits!



Theoretical curve tracing tool / Fit & Simulation
Chi square calculation (chi-square) χ^2

3D curves



Visualize your curve in 3D!

Mouse manipulation of the view

Automatic animation of the view, rereading of the curve

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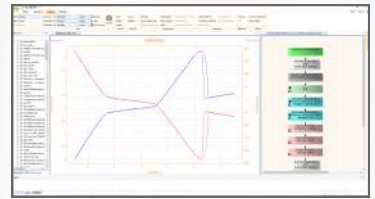
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OrigaMaster

Easy to use and licence free.



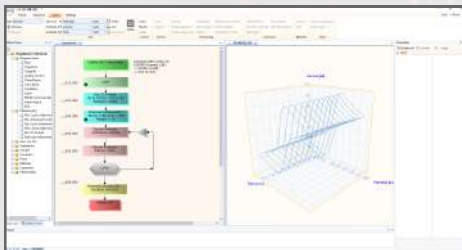
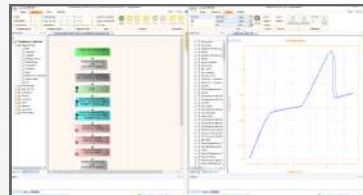
OrigaMaster - OM5



Interactive methods
Changing scales in real time
Overlaying without limit

- Windows Interface
- Easy graphic programming
- Up to 10,000 cycles
- Zooming in real time
- Export data to Excel, Open Office, Regressi etc.

Opening two Origaflex or more at the same time



- Expert mode
- No point or time limitation
- Safety criteria
- Customization
- Multi-languages: English, French and Chinese



ORIGAFLEX RANGE

OrigaLys Instruments



OrigaMaster

Interactive methods

Parameters can be changed during the measurement

OrigaFlex	
	VOLTAMMETRY
Pot. Cyclic Voltammetry (CV)	Yes
Pot. Advanced Cyclic Voltammetry	Yes
Gal. Cyclic Voltammetry	Yes
Pot. Linear Voltammetry	Yes
Pot. CV 4 limits	Yes
Stripping Voltammetry	Yes
Staircase Voltammetry (SCV)	Yes
	CHRONO
Open Circuit Potential (OCP)	Yes
Chrono Amperometry (CA)	Yes
Chrono Amperometry Expert	Yes
Chrono Coulometry (CC)	Yes
Chrono Potentiometry (CP)	Yes
Chrono Potentiometry Expert	Yes
Single Chrono Amperometry	Yes
	IMPEDANCE (with OGFES / OGF+EIS)
Pot. Dynamic EIS & Gal. Dynamic EIS	Yes
Pot. Fixed Frequency EIS (Capacitance)	Yes
Pot. Fixed Frequency EIS vs Time (HFR)	Yes
Gal. Fixed Frequency EIS vs Time (HFR)	Yes
	CORROSION
Pitting corrosion	Yes
General corrosion (Rp)	Yes
Coupled corrosion (Evans)	Yes
Polarization for corrosion (Tafel)	Yes
Harmonic Distorsion Analysis (HDA)	Yes (with EIS)
Zero Resistance Ammeter (ZRA)	Yes (OGF+ & OGF+EIS)
	PULSE
Pot. Differential Pulse (DPV)	Yes
Gal. Recurrent Differential Pulse	Yes
Pot. SW Voltammetry (SWV)	Yes
Potentiometric Stripping Analysis (PSA)	Yes (OGF+ & OGF +EIS)
	BATTERIES, SUPER CAPACITORS and PHOTOVOLTAIC
Single Charge or DisCharge	Yes
Gal. Charge and DisCharge Cycle (GCD)	Yes
Expert Charge and DisCharge Cycle	Yes
PITT & GITT	Yes
Constant Power	Yes
Constant Resistor	Yes
Profile Generator	Yes
Internal Resistance	Yes
I/V Characterization	Yes
	pH and mV measurement
pH fixed Calibration	No
pH auto Calibration	No
pH measurement	No
mV measurement	No

OrigaViewer

Easy to use and licence free.

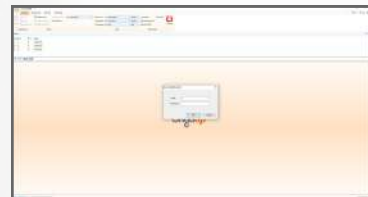


OrigaViewer

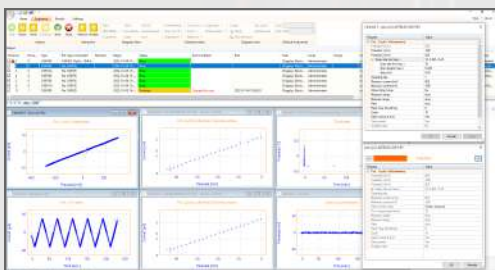


Independent and simultaneous measurements
Temperature control & safety criteria
Interactive methods

- Windows interface
- Save and store all the experiment conditions
- 3 levels of users:
Administrator, Supervisor and Operator



The software is protected with ID and password



- Recoverable data thanks to a buffer inside the instrument
- No point or time limitation
- Expert mode
- Customization

ORIGAFLEX RANGE

OrigaLys Instruments



Interactive methods

Parameters can be changed during the measurement

OrigaViewer

	OrigaFlex
	VOLTAMMETRY
Pot. Cyclic Voltammetry (CV)	Yes
Pot. Advanced Cyclic Voltammetry	Yes
Gal. Cyclic Voltammetry	Yes
Pot. Linear Voltammetry	Yes
Pot. CV 4 limits	Yes
Stripping Voltammetry	Yes
Staircase Voltammetry (SCV)	Yes
	CHRONO
Open Circuit Potential (OCP)	Yes
Chrono Amperometry (CA)	Yes
Chrono Amperometry Expert	Yes
Chrono Coulometry (CC)	Yes
Chrono Potentiometry (CP)	Yes
Chrono Potentiometry Expert	Yes
Single Chrono Amperometry	Yes
	IMPEDANCE (with OGFEIS / OGF+EIS)
Pot. Dynamic EIS & Gal. Dynamic EIS	Yes
Pot. Fixed Frequency EIS (Capacitance)	Yes
Pot. Fixed Frequency EIS vs Time (HFR)	Yes
Gal. Fixed Frequency EIS vs Time (HFR)	Yes
	CORROSION
Pitting corrosion	Yes
General corrosion (Rp)	Yes
Coupled corrosion (Evans)	Yes
Polarization for corrosion (Tafel)	Yes
Harmonic Distorsion Analysis (HDA)	Yes (with OGF+)
Zero Resistance Ammeter (ZRA)	Yes (with OGF+)
	PULSE
Pot. Differential Pulse (DPV)	Yes
Gal. Recurrent Differential Pulse	Yes
Pot. SW Voltammetry (SWV)	Yes
Potentiometric Stripping Analysis (PSA)	No
	BATTERIES, SUPER CAPACITORS and PHOTOVOLTAIC
Single Charge or DisCharge	Yes
Gal. Charge and DisCharge Cycle	Yes
Expert Charge and DisCharge Cycle	Yes
PITT & GITT	Yes
Constant Power	Yes
Constant Resistor	Yes
Profile Generator	Yes
Internal Resistance	Yes
I/V Characterization	Yes



Ref4

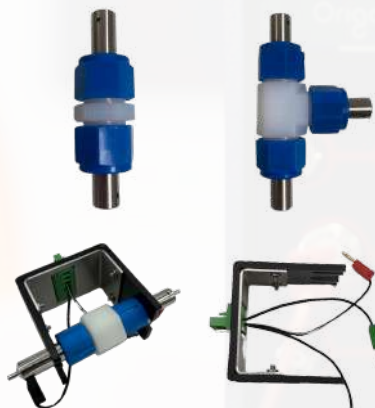
Ref3

OrigaDiff
Differential Amplifier



BATTERY HOLDERS FOR ORIGAFLEX

Holders / Swagelok (2 electrodes - 3 electrodes)



Specifications:

- Suitable for potentiostats from the OrigaFlex range
- Connectors: banana $\varnothing 2\text{mm}$
- Internal diameter: $\varnothing 12,7$ or $\varnothing 6,35$ mm
- Materials: Stainless steel
- Operating temperature: -30°C to 80°C

For more information on our holders and Swagelok, we invite you to consult our accessories catalog.



Coin cell holders - AA / AAA - super capacitor



Specifications - Coin cell holder:

- Suitable for potentiostats from the OrigaFlex range
- Easily removable from the device
- Length: 80 mm
- Width: 32 mm
- Temperature sensor
- Operating temperature: -30°C to 80°C

For more information on our battery supports, we invite you to contact us.



ORIGAFLEX RANGE

OrigaLys Instruments

electrochem
OrigaLys



OrigaDiff

ADDING A VOLTAGE MEASUREMENT IN YOUR CELL



Origa



Suitable for OrigaFlex

IDEAL SOLUTION FOR BATTERY FIELD

CONCEPT:

Add a high input impedance voltage measurement at any point in your cell.

- Connectors: BNC
- Max voltage: ± 15 V
- Real time monitoring
- Available in OM5 & OV2
- Compatible with:
OrigaFlex range
OGS100 & OGS200



Batteries



See the application note:
AP-B07 on origalys.com

ORIGAFLEX RANGE

OrigaLys Instruments



Consult our catalog of electrodes and accessories:



OrigaCell

Corrosion Cell
supply



Stand for RDE

Electrodes Range



ORIGAFLEX RANGE

OrigaLys Instruments



Access our application notes on www.origalys.com :



Join us on our YouTube channel!



OrigaWebinar



Also find us on LinkedIn!



BIOMETRIZ - BIOFILM ANALYSIS

Find out more about the OrigaLys subsidiary:



TEACHING PRIZE

For 14 years, OrigaLys has encouraged innovation in the teaching of electrochemistry with the teaching prize awarded during the Electrochemistry Days.



Teaching Prize 2022

In 2022, the prize was equipped with 4 OpH218 and 4 precision OCD218, intended for teaching. In agreement with the Société Chimique de France and following the events in Ukraine, it was decided to reserve this donation to the Taras Shevchenko National University in Kyiv.

ORIGA-DAY: Training by OrigaLys



Are you a doctoral student? Searcher? Industrial?

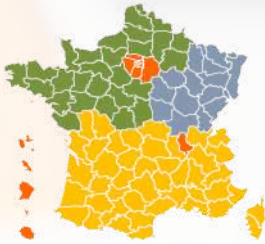


Would you like to come and present your research topic, thesis or your project during a scientific day?

Contact us at the following address: event@origalys.com 

A QUESTION ? CONTACT US!

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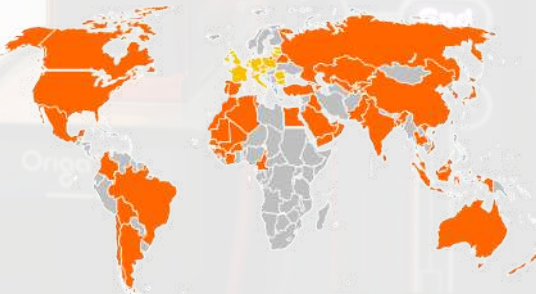


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