



# ORIGINALINE CATALOG

**Accessories for electrochemical  
analytical systems**

[www.originalys.com](http://www.originalys.com)



Electrochem  
Originalys

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## Our expertise

### Specialist in electrochemical analysis and measurement devices.

Designing, manufacturing & selling of analytical instruments in Electrochemistry.

Potentiostats / Galvanostats / Impedance meters

Conductivity meters / pH-meters

Electrochemical multiplexer

Electrode range : REF / AUX / WORK...

Cell range

Complete range of accessories



## French quality and international presence



Customers worldwide



Products designed and manufactured in France



5-year warranty



International distributors



90% of our components are designed in the Auvergne Rhône-Alpes region.

## Over 75 years of experience in electrochemistry

1946

Tacussel



1988

Radiometer



2010

OrigaLys



## Our values

### Caring about people

Participative management / Team-building / Trust / Solidarity / Evolution



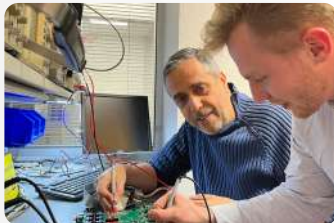
### Innovate sustainably & differently

Initiative - Eco conception - Repairability - Sustainability - Performance



### Share & transmit

Experiences - Preserve our know-how - Transmit - Train



## Our services

### Radiometer's Maintenance

As former Radiometer and Tacussel designers, we are qualified to provide a repair diagnosis for all your Radiometer Analytical and Tacussel instruments.\*

**VoltaLab Range : PST006, PGZ100, PGP201, PST050, PGZ301 ou PGZ402.**

**Rotating Disk Electrode (RDE) : EDI101.**

**Speed controller for RDE: CTV101.**

\*Only in the European Union



### Personalization

We design custom equipment from specifications to final product and develop tailored methods in our software.

**OrigaLys can design special equipment with you, and for you.**

**From the first specifications to the final product, we are by your side.**

**We can integrate a specific method into our software.**



### Webinars, training & application notes

Our Experts are at your service to improve your skills, efficiency and train you using our devices as well as various applications. Also thanks to our webinars, users could deepen their knowledge and discover more solutions



To access our application notes:





## BioMetriz: expert in biofilm analysis

BioMetriz was founded in Poitiers by researchers from ENSIP. BioMetriz joined OrigaLys in 2020. Thanks to its expertise, OrigaLys launched the Biofilm Monitor in 2021. It was BioMetriz's first product.

### Innovative solution for biofilm analysis.

Learn more about your water sample.

Adapt your treatment against biofilms thanks to our analysis kits.

Choose our preventive solution.

**BioMetriz**  
An OrigaLys Company



## Teaching Prize

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

### Teaching Prize 2022

8 devices offered: 4 Oph218 and 4 OCD218 for teaching.

Partnership with the French Chemical Society.

Support for Ukraine: donation to Taras Shevchenko University, Kyiv.



## ORIGA-DAY : Training by OrigaLys

Present your research topics, theses or projects during a scientific day dedicated to sharing and innovation.

### Doctoral student, researcher, or industrialist?

Highlight your work to a diverse audience.

Meet experts and enrich your perspectives.

Take part in a day that connects science and industry.



## They trust us!



## When our solutions come to life



To access our references / articles / scientific publications:





## Our France network



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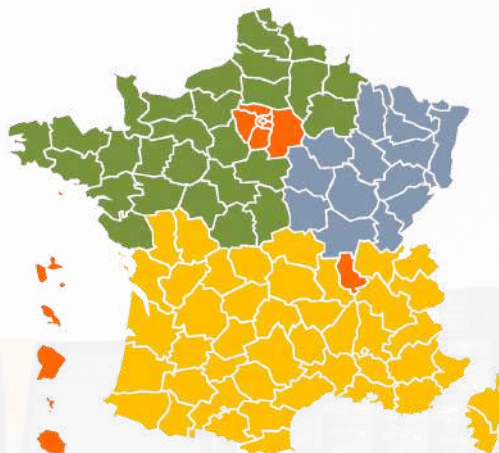


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## Our international network



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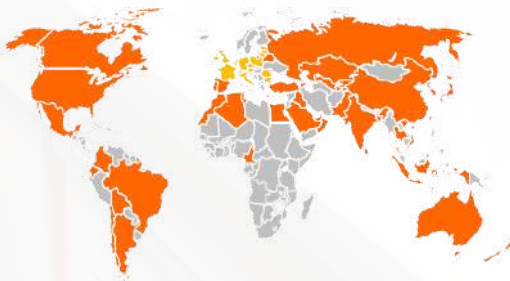


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# Origasens Range



## References (REF)

A reference electrode provides a fixed potential and is distinguished by the reference element and the electrolytic junction.



## Auxiliaries (AUX)

Auxiliary electrodes are distinguished by their metallic surface (Ag, Pt). For all other materials, please contact us.



## WORK

From millimeter to micrometer electrodes, from stationary to rotating, Origasens offers you a wide range of working electrodes.



## Selective

Depending on the targeted ion, Origasens offers you a choice of selective, combined or non-combined electrodes for your measurements.



## pH probes

To best support you in your pH measurements, we offer robust, combined or simple electrodes.



## Conductivity cells

In order to guarantee you optimal conductivity measurements, we provide you with suitable conductivity cells.



## Industrial

We offer two types of industrial electrodes: a reference electrode (Ag/AgCl) and an auxiliary electrode (Pt).



## Other electrodes

Find here electrodes in specific application areas including the ORP Redox Ag/AgCl and Pt electrode and Karl Fisher titration.



## Additional items

We offer you all kinds of solutions (filling, buffers, calibration, ISAB / TISAB) as well as extensions adapted to your electrodes.



## Saturated Calomel (ECS) Reference Electrodes



S7



Screw Head S7



Article reference	<b>AR02319</b>	<b>AR02320</b>	<b>AR02309</b>
Internet article code	<b>OGR003</b>	<b>OGR004</b>	<b>OGR009</b>
Type	<b>XR110</b>	<b>REF421</b>	<b>REF921</b> non-aqueous medium
Reference System	<b>Calomel</b>	<b>Calomel</b>	<b>Calomel</b>
Temperature Range	<b>-5 to 50°C</b>	<b>-5 to 50°C</b>	<b>0 to 60°C</b>
Lower Diameter	<b>8 mm</b>	<b>8 mm</b>	<b>8 mm</b>
Liquid Junction	<b>Porous Pin</b>	<b>Porous Pin</b>	<b>Porous Pin</b>
Salt-Bridge Solution	<b>KCl satur�</b>	<b>KCl satur�</b>	<b>LiCl 1 M</b>
Grinded	<b>Yes</b>	<b>No</b>	<b>No</b>
Body	<b>Glass</b>	<b>Glass</b>	<b>Glass</b>

## Silver Chloride Reference Electrodes



S7



Screw Head S7



Article reference	<b>AR02321</b>	<b>AR02322</b>	<b>AR02323</b>
Internet article code	OGR005	OGR006	OGR007
Type	REF321	XR300	XR300
Reference System	Ag/AgCl	Ag/AgCl	Ag/AgCl
Temperature Range	-5 to 80°C	-5 to 80°C	-5 to 80°C
Lower Diameter	8 mm	8 mm	6 mm
Liquid Junction	Porous Pin	Porous Pin	Porous Pin
Salt-Bridge Solution	3M KCl with saturated AgCl	3M KCl with saturated AgCl	3M KCl with saturated AgCl
Grinded	No	No	No
Body	Glass	Glass	Glass

## Silver Chloride Reference Electrodes



S7



Screw Head S7

### Industrial electrode



Article reference	<b>AR02324</b>	<b>AR00301</b>
Internet article code	<b>OGR010</b>	<b>AR00301</b>
Type	Double junction	Industrial
Reference System	Ag/AgCl	Ag/AgCl (gel)
Temperature Range	0 to 80°C	-5 to 80°C
Lower Diameter	8 mm	8 mm
Liquid Junction	Porous Pin	Porous Pin
Salt-Bridge Solution	3M KCl with saturated AgCl	Saturated KCl gel
Grinded	No	No
Body	Glass	Glass



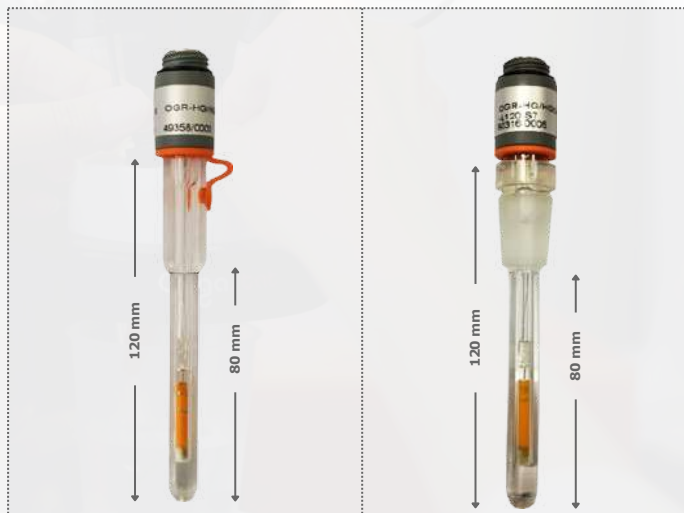
## Mercury Oxide Reference Electrodes



S7



Screw Head S7



Article reference	<b>AR02317</b>	<b>AR02318</b>
Internet article code	OGR001	OGR002
Type	XR400	XR400
Reference System	Hg/HgO	Hg/HgO
Temperature Range	-5 to 60°C	-5 to 60°C
Lower Diameter	8 mm	8 mm
Liquid Junction	Porous Pin	Porous Pin
Salt-Bridge Solution	KOH 0,1M	KOH 0,1M
Grinded	No	Yes
Body	Glass	Glass

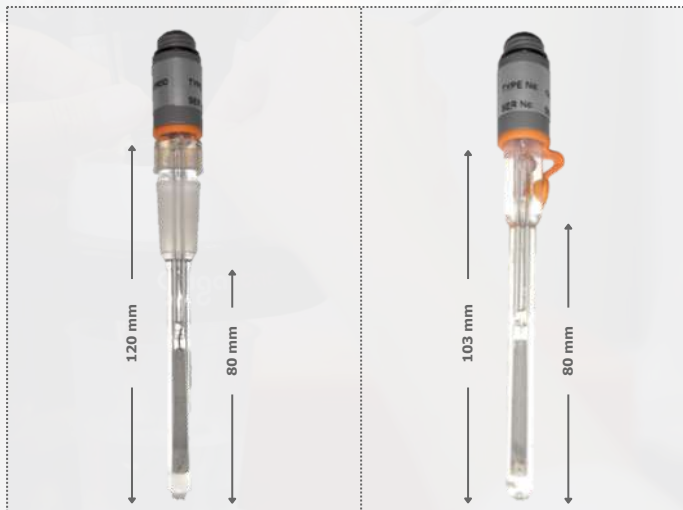
## Mercury Sulfate Reference Electrodes



S7



Screw Head S7



Article reference	<b>AR02313</b>	<b>AR02350</b>
Internet article code	<b>OGR011</b>	<b>OGR012</b>
Type	-	<b>REF621</b>
Reference System	<b>Hg/Hg<sub>2</sub>SO<sub>4</sub></b>	<b>Hg/Hg<sub>2</sub>SO<sub>4</sub></b>
Temperature Range	<b>0 to 60°C</b>	<b>0 to 60°C</b>
Lower Diameter	<b>8 mm</b>	<b>6 mm</b>
Liquid Junction	<b>Porous Pin</b>	<b>Porous Pin</b>
Salt-Bridge Solution	<b>K<sub>2</sub>SO<sub>4</sub></b>	<b>K<sub>2</sub>SO<sub>4</sub></b>
Grinded	<b>Yes</b>	<b>No</b>
Body	<b>Glass</b>	<b>Glass</b>

## RedRod Reference Electrode



S7



Screw Head S7



Article reference	<b>AR02314</b>
Internet article code	<b>OGR008</b>
Type	<b>REF201</b>
Reference System	<b>RedRod</b>
Temperature Range	<b>-5 to 80°C</b>
Lower Diameter	<b>8 mm</b>
Liquid Junction	<b>Porous Pin</b>
Salt-Bridge Solution	<b>Saturated KCl</b>
Grinded	<b>No</b>
Body	<b>Glass</b>



## Copper Sulfate Reference Electrode



S7



Screw Head S7



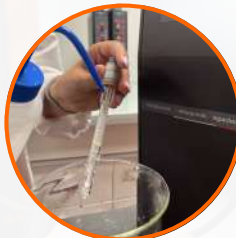
Article reference	<b>AR02352</b>
Internet article code	<b>OGR013</b>
Type	<b>Cu/CuSO<sub>4</sub></b>
Reference System	<b>0 to 60°C</b>
Temperature Range	<b>8 mm</b>
Lower Diameter	<b>Porous Pin</b>
Liquid Junction	<b>CuSO<sub>4</sub></b>
Salt-Bridge Solution	<b>No</b>
Grinded	<b>Glass</b>

## How to properly store reference electrodes?



### STEP 1

Clean the exterior of the electrode with distilled water.



### STEP 2

Empty the electrode and rinse the inside with distilled water to remove crystals.



### STEP 3

Take the appropriate filling solution (see p. 56)



### STEP 4

Fill the electrode with the filling solution.



### STEP 5

Close the electrode cap and cover it with parafilm.



### STEP 6

Put some solution into the cap.



### STEP 7

Insert the electrode cap and cover it with parafilm.

## Salt-bridge



S7



Screw Head S7

### PVC



### Lg

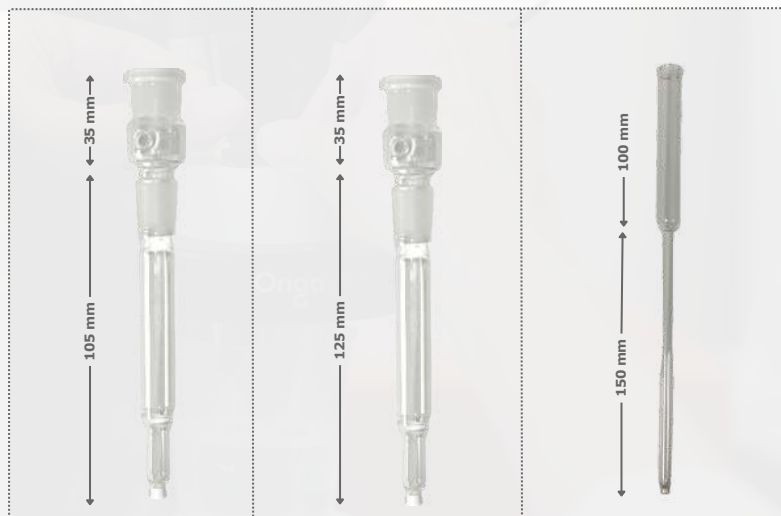


### NEW CEC TH



Article reference	<b>AR00865</b>	<b>AR00269</b>	<b>AR01637</b>
Internet article code	<b>AR00865</b>	<b>AR00269</b>	<b>AR01637</b>
Type	-	<b>ALS145</b>	-
Grinded	<b>NS14/15</b>	-	-
Temperature Range	<b>-10 to 105°C</b>	-	-
Lower Diameter	<b>12 mm</b>	-	-
Body	<b>PVC</b>	<b>Glass</b>	<b>Glass</b>





Article reference	<b>AR01382</b>	<b>AR01383</b>	<b>AR00664</b>
Internet article code	<b>AR01382</b>	<b>AR01383</b>	<b>AR00664</b>
Type	<b>AL120</b>	<b>AL140</b>	<b>AL110</b>
Grinded	<b>RIN14/23</b>	<b>RIN14/23</b>	-
Temperature Range	<b>-10 to 105°C</b>	<b>-10 to 105°C</b>	<b>-10 à 105°C</b>
Lower Diameter	<b>8 mm</b>	<b>8 mm</b>	<b>8 mm</b>
Liquid Junction	<b>Porous Pin</b>	<b>Porous Pin</b>	<b>Porous Pin</b>
Body	<b>Glass</b>	<b>Glass</b>	<b>Glass</b>

## Silver (Ag) Bar Auxiliary Electrode



S7



Screw Head S7



Article reference	<b>AR02310</b>
Internet article code	<b>OGV001</b>
Type	<b>M291Ag</b>
Sensitive element	Silver bar ø: 3 mm Length: 10 mm
Temperature Range	<b>0 to 80°C</b>
Lower Diameter	<b>8 mm</b>
Grinded	<b>No</b>
Body	<b>Glass</b>

## Platinum Wire (Pt) Auxiliary Electrode

### Industrial electrode



S7



Screw Head S7



Article reference	<b>AR00302</b>
Internet article code	<b>AR00302</b>
Type	<b>Industrial</b>
Sensitive element	<b>Platinum Wire ø : 1 mm Length : 10 mm</b>
Temperature Range	<b>-5 to 80°C</b>
Lower Diameter	<b>8 mm</b>
Grinded	<b>PG 13.5 screwing</b>
Body	<b>Glass</b>

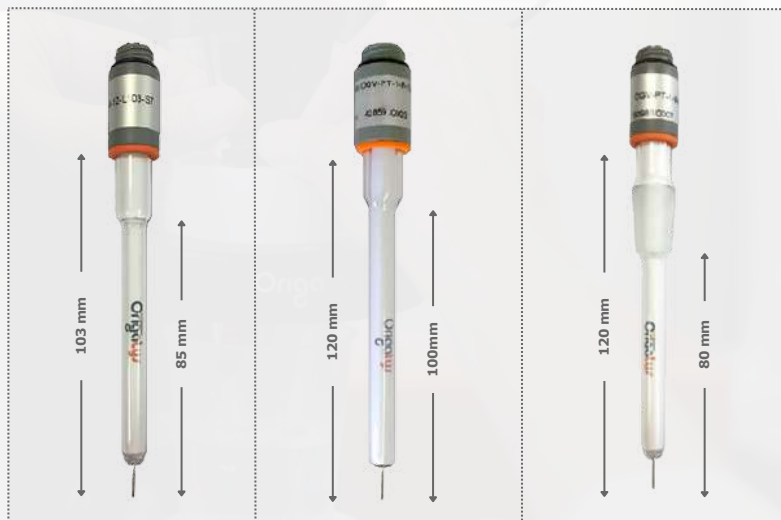
## Platinum Wire (Pt) Auxiliary Electrode



S7



Screw Head S7



Article reference	<b>AR02326</b>	<b>AR02327</b>	<b>AR02328</b>
Internet article code	OGV002	OGV004	OGV005
Type	M231Pt	XM100	XM110
Sensitive element	Platinum Wire ø : 1 mm Length : 10 mm	Platinum Wire ø : 1 mm Length : 10 mm	Platinum Wire ø : 1 mm Length : 10 mm
Temperature Range	-10 to 100°C	-10 à 100°C	-10 to 100°C
Lower Diameter	8 mm	8 mm	8 mm
Grinded	No	No	Yes
Body	Glass	Glass	Glass



## Platinum disc (Pt) Auxiliary Electrodes



S7



Screw Head S7

		
Article reference	<b>AR02325</b>	<b>AR02332</b>
Internet article code	<b>OGV003</b>	<b>OGV150</b>
Type	<b>CE-PTD-K</b>	<b>XM150</b>
Sensitive element	Platinum disc (Pt) ø: 10 mm Length: 0.3 mm	Platinum disc (Pt) ø: 10 mm Length: 0.3 mm
Temperature Range	<b>0 to 80°C</b>	<b>-10 to 100° C</b>
Lower Diameter	<b>10 mm</b>	<b>12 mm</b>
Grinded	<b>Yes</b>	<b>No</b>

## Platinum Plate (Pt) Auxiliary Electrode



S7



Screw Head S7



Article reference	<b>AR02329</b>
Internet article code	<b>OGV006</b>
Type	<b>M241Pt</b>
Sensitive element	<b>Platinum plate (Pt)</b> <b>ø: 5 mm</b> <b>Length: 5 mm</b>
Temperature Range	<b>-10 to 100°C</b>
Lower Diameter	<b>8 mm</b>
Grinded	<b>No</b>



Article reference	<b>AR02330</b>	<b>AR02333</b>
Internet article code	<b>OGV007</b>	<b>OGV008</b>
Type	<b>XM120</b>	<b>XM140</b>
Sensitive element	Platinum plate (Pt) ø: 5 mm Length: 5 mm	Platinum plate (Pt) ø: 5 mm Length: 5 mm
Temperature Range	<b>-10 to 100°C</b>	<b>-10 to 100°C</b>
Lower Diameter	<b>8 mm</b>	<b>8 mm</b>
Grinded	<b>No</b>	<b>Yes</b>

## Platinum grids (Pt) - Auxiliary Electrodes

Open platinum grid

Closed platinum grid

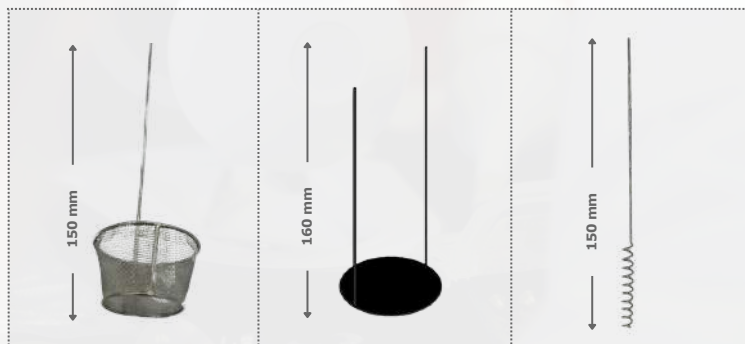


Article reference	<b>AR01240</b>	<b>AR01625</b>	<b>AR02832</b>
Mesh	225 M/cm <sup>2</sup>	225 M/cm <sup>2</sup>	225 M/cm <sup>2</sup>
Wire diameter	0.12 mm	0.12 mm	0.12 mm
External diameter	35 mm	35 mm	0.5 mm

Flared turntable grid

Platinum Grid

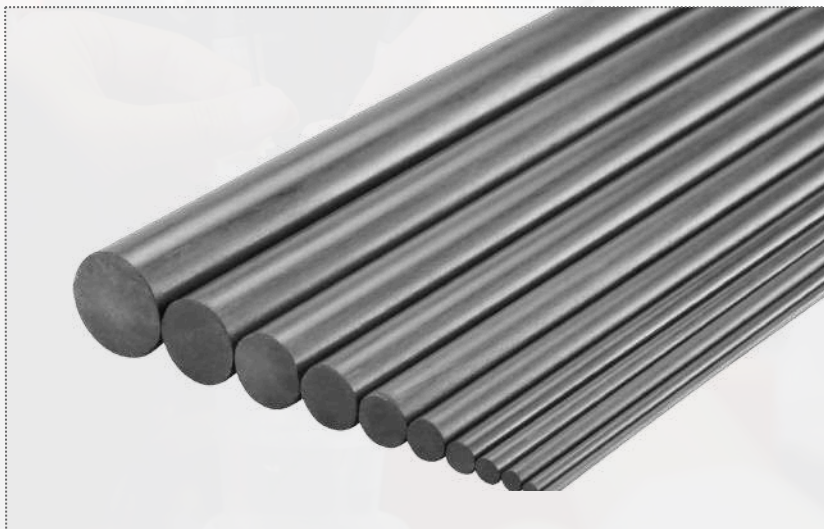
Spiral turntable



Article reference	<b>AR02122</b>	<b>AR02451</b>	<b>AR02159</b>
Mesh	225 M/cm <sup>2</sup>	225 M/cm <sup>2</sup>	-
Hoop diameter	-	1 mm	-
Number of rods	1	2	1
Rod diameter	0.12 mm	1.4 mm	-
Lower diameter	25 mm	60 mm	-
Upper diameter	35 mm	0.13 mm	-
Grid height	20 mm	-	-



## Carbon/Graphite Rods - Auxiliary Electrodes



Article reference	AR00239	AR00260	AR00496	AR00497
Material	Carbon/Graphite	Carbon/Graphite	Graphite	Carbon/Graphite
Purity	99.997 %	99.997 %	99.997 %	99.997 %
Length	150 mm	150 mm	300 mm	250 mm
Lower diameter	ø5 mm	ø4 mm	ø6.4 mm	ø6.4 mm

Article reference	AR00521	AR01774	AR01775
Material	Graphite	Carbon	Carbon
Purity	99.997 %	-	-
Length	150 mm	100 mm	100 mm
Lower diameter	ø10 mm	ø10 mm	ø25 mm

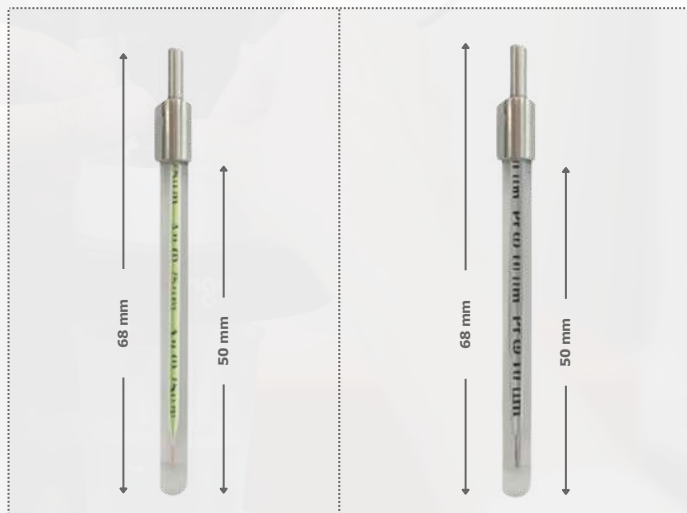
## Working electrodes - Micro-electrodes (UME)



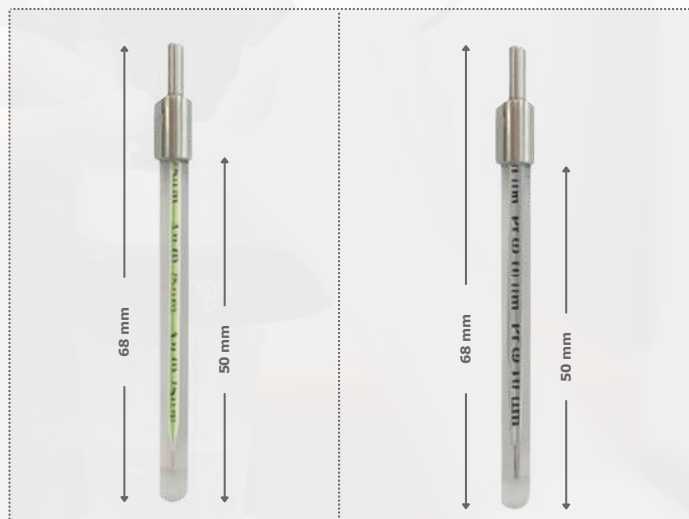
Crocodile clip  
ø4 mm



Male banana ø4 mm



Article reference	<b>UMEAU</b>	<b>UMEPT</b>
Internet article code	<b>UMEAU</b>	<b>UMEPT</b>
Reference element	<b>Gold (Au)</b>	<b>Platinum (Pt)</b>
Temperature Range	<b>0 to 40 °C</b>	<b>0 to 40 °C</b>
Diameter (µm)	<b>10 - 25 - 40 50 - 100 - 200</b>	<b>10 - 25 - 40 50 - 100 - 200</b>
Outer diameter	<b>5 mm</b>	<b>5 mm</b>
Body	<b>Glass</b>	<b>Glass</b>
pH Range	<b>0-12</b>	<b>0-12</b>



Article reference	<b>UMEPD</b>	<b>UMEAG</b>
Internet article code	<b>UMEPD</b>	<b>UMEAG</b>
Reference element	<b>Paladium (Pd)</b>	<b>Silver (Ag)</b>
Temperature Range	<b>0 to 40 °C</b>	<b>0 to 40 °C</b>
Diameter (µm)	<b>25 - 50 - 100 - 200</b>	<b>25 - 50 - 100 - 200</b>
Outer diameter	<b>5 mm</b>	<b>5 mm</b>
Body	<b>Glass</b>	<b>Glass</b>
pH Range	<b>0-12</b>	<b>0-12</b>

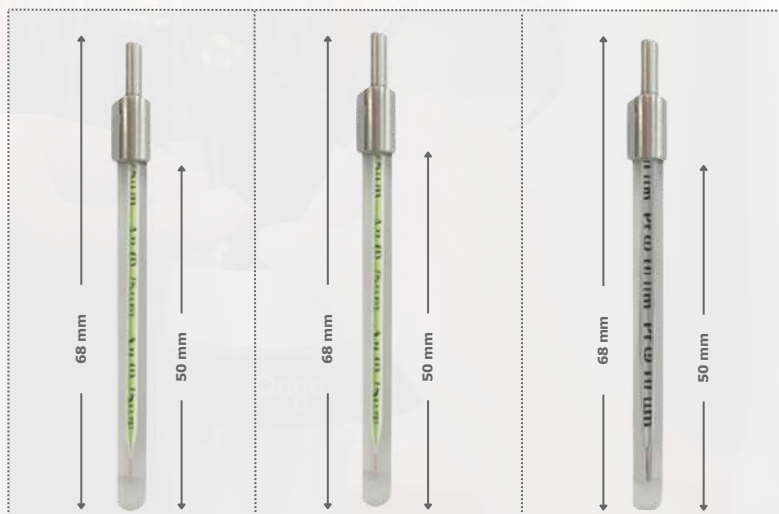
## Working electrodes - Micro-electrodes (UME)



Crocodile clip  
ø4 mm



Male banana ø4 mm



Article reference	<b>UME75IR</b>	<b>UME75TI</b>	<b>UME50W</b>
Internet article code	UME75IR	UME75TI	UME50W
Reference element	Iridium (Ir)	Titanium (Ti)	Tungsten (W)
Temperature Range	0 to 40 °C	0 to 40 °C	0 to 40 °C
Diameter (µm)	75	50	50
Outer diameter	5 mm	5 mm	5 mm
Body	Glass	Glass	Glass
pH Range	0-12	0-12	0-12

## Implantable microelectrodes (carbon fibers)

We also offer implantable microelectrodes:

- Beveled carbon fibers in 7 µm / 30 µm
- Non-beveled carbon fibers in 7 µm / 30 µm

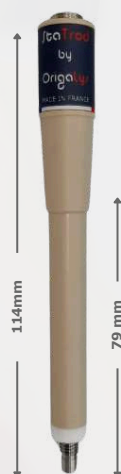
Thanks to their exceptional finesse, these microelectrodes can be implanted very easily. Contact us for more information.



## Working electrode - **Static electrode: JstnTrod**



Male banana  $\varnothing 4$  mm



Article reference	<b>AR00567CIAL</b>
Internet article code	<b>E10OGL033CIAL</b>
Temperature Range	<b>-10 to 105°C</b>
Top/Bottom Diameter	<b>Top: NS 15/25 Bottom: 11 mm</b>
Connecteur	<b>Women's banana <math>\varnothing 4</math>mm</b>
Body	<b>PEEK</b>

## Compatible with tips & sample holders



*Learn more on the dedicated pages.*

## Rotating Disk Electrode (RDE) : OrigoTrod



BNC



Article reference	<b>X130GL018C</b>	<b>X130GL018R</b>
Internet article code	<b>X130GL018C</b>	<b>X130GL018R</b>
Type	-	<b>EDI101</b>
Grinded	<b>14.5/23</b>	<b>14.5/23</b>
RPM	<b>100 to 10 000</b>	<b>100 to 10 000</b>
Precision	<b>0,35%</b>	<b>0,35%</b>
Diameter of lower part	<b>11 mm</b>	<b>11 mm</b>

**Perform reliable and accurate kinetic measurements with the Rotating Disk Electrode (RDE).**

- *Controlled by speed controller: OrigoBox (CTV101 from RadioMeter).*
- *Compatible with tips & sample holders (Radiometer too).*



## Speed controller for RDE: OrigaBox



- Control rotation speed
- By USB, analog setpoint or RS232
- Can be used alone or connected to a potentiostat

## How to use it with a potentiostat?

### First solution: manual control

Thanks to the OrigaLys software: OrigaBox Interface, connected via USB. This solution is possible with OrigaLys potentiostat or any other brand.



### Second solution: automatic control

OrigaLys: The rotation speed is controlled by OrigaMaster, the PC software that controls the potentiostat.

Other brand: The rotation speed is controlled by the PC software that controls the potentiostat. An analog or RS232 signal is required, contact us.

## Choose a complete solution: OrigaTrod kit



Opt for a complete solution with the OrigaTrod Kit including: the OrigaTrod, the OrigaBox (connectable via USB to the software on a PC), a USB key containing the control software (OrigaBox Interface) and the appropriate cables. The pads and sample holders are not included.

## Rotating Disk Electrode Lt: OrigoTrod Lt



### Potentiometer:

Manual control of the rotation speed directly on the device.



**BNC**

### With potentiometer



### With analog instruction and banana plug



### With analog instruction



Article reference	AR00436CIAL	AR02633CIAL	AR00426CIAL
Internet article code	AR00436CIAL	AR02633CIAL	AR00426CIAL
Grinded	14.5/23	14.5/23	14.5/23
RPM	100 to 5 000	100 to 5 000	100 to 5 000
Precision	0,35%	0,35%	0,35%

## External power supply



The system must be directly powered by a 12V AC/DC adapter (except for AR02633CIAL).





## All our tips for OrigaTrod & StaTrod

Length	20 mm
Outer diameter	11 mm
Body	PEEK (PTFE on request)



For example:  
Glacial Carbon  
Ø3mm

## Available tips: Ø1, 2, 3 or 5 mm

Matériaux	Diamètre (mm)	Matériaux	Diamètre (mm)
Acier inoxydable 316L	2 et 5	Nickel	2 et 5
70% Cuivre et 30% Nickel	5	Nickel, pureté à 99,99%	5
Argent	2 et 5	Peek	0
Acier Carbone XC38	5	Platine	2 et 5
Cuivre	2 et 5	Platine, pureté à 99,99%	5
Carbone Vitreux	3 et 5	Etain	5
Or	2 et 5	Titane	2 et 5
Aluminium	3 et 5	Tungstène	1
Fer	5	Zinc	2 et 5

Contact us for more information regarding the following tips: Chrome (Cr), Iridium (Ir), Palladium (Pd), Rhodium (Rh), Cobalt (Co) or any other materials.

## Compatible with the following electrodes:



OrigaTrod: OrigaLys  
Rotating Disk Electrode



EDI101: Radiometer Rotating  
Disk Electrode



OrigaTrod Lt: Rotating Disk  
Electrode with potentiometer



StaTrod :  
Static electrode

## Discover our range of pellets

Thicknesses	BDD: 1 mm Other pellets: 3 mm
Diameters	8 or 15 mm

## Available pellets: Ø8 or ø15 mm

Materials	Diameter (mm)
Steel A37	8
Stainless Steel AISI430	8 et 15
316L stainless steel	8 et 15
Stainless steel Z30Cr13	15
Aluminium	8
Silver	8
Glassy carbon	8 et 15
Copper	8 et 15
Boron Doped Diamond (BDD)	8 et 15
Iron	8
Graphite	8
Nickel	8 et 15
Gold	8
Platinum	8
Tungsten	8

**316L stainless steel**



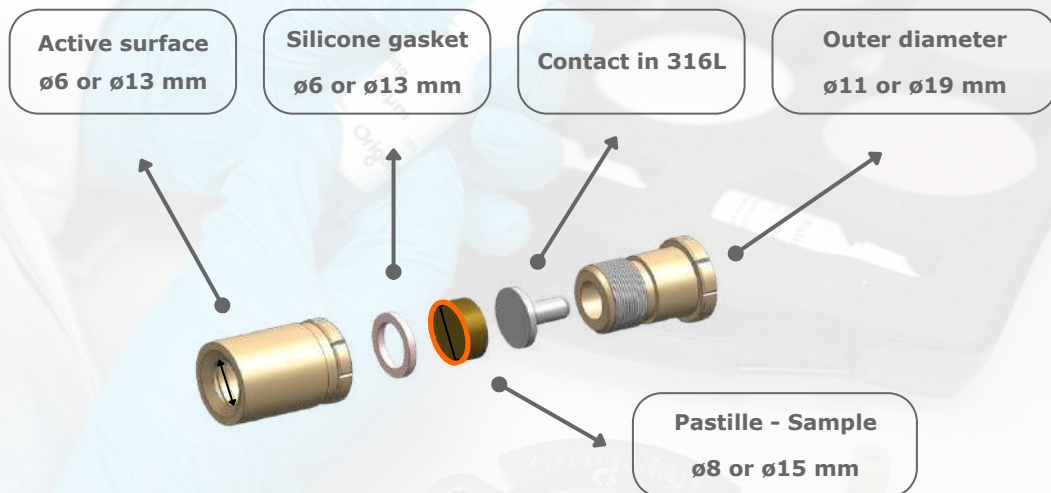
**DDB**



Originalys Pellets can be used with sample holders. The body is made of PEEK (PolyEther Ether Ketone).

## Discover our range of **sample holders**

Item code	Ø8 mm : E110GL001CIAL Ø15 mm : E110GL006CIAL
Temperature range	-10 to 105°C
Length	17 mm



Article reference	Sample tablet holder
<b>AR00716CIAL</b>	Titanium rod ø8 assembled
<b>AR00717CIAL</b>	Titanium rod ø15 assembled
<b>AR02711CIAL</b>	Stainless steel rod ø8 assembled
<b>AR02712CIAL</b>	Stainless steel rod ø15 assembled

Article reference	Seal kit for sample tablet holder
<b>AR02713CIAL</b>	Set of 5 silicone seals for ø8 sample holder
<b>AR00577CIAL</b>	Set of 5 PTFE gaskets for ø8 sample holder
<b>AR00578CIAL</b>	Set of 5 PTFE flat gaskets for ø15 sample holder
<b>AR00906CIAL</b>	Set of 5 flat silicone gaskets for sample holder ø15



# Discover our tip polishing kit



1	Steel polishing stand
2	5 P1200 polishing discs
3	5 P600 polishing discs
4	5 satin polishing discs
5	5 felt polishing discs
6	3 bottles of alumina: 1 x 2-3 $\mu\text{m}$ + 1 x 1 $\mu\text{m}$ + 1 x 0.3 $\mu\text{m}$

Article reference : AR01647CIAL

- Achieve reliable & accurate measurements with our tip polishing kit.
- Achieve smooth surfaces for accurate analysis.
- Reduce edge effects for reliable measurements.
- Improve reproducibility with consistent sample preparation.



## Access the user manual



## Read more





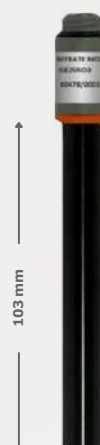
## Non-combined selective electrodes



S7



Screw S7 socket



Article reference	<b>AR02342</b>	<b>AR02341</b>	<b>AR02343</b>
Internet article code	<b>OGS001</b>	<b>OGS002</b>	<b>OGS003</b>
Type	<b>ISE25F</b>	<b>ISE25Ca</b>	<b>ISE25NO3</b>
Ions	<b>F<sup>-</sup></b>	<b>Ca<sup>2+</sup></b>	<b>NO<sub>3</sub><sup>-</sup></b>
Concentration (M)	<b>2 × 10<sup>-6</sup> to 10<sup>-1</sup></b>	<b>5 × 10<sup>-7</sup> to 10<sup>-1</sup></b>	<b>7 × 10<sup>-6</sup> to 1</b>
Concentration (ppm)	<b>0.02 to 1900</b>	<b>0.2 to 4010</b>	<b>0.4 to 62000</b>
Temperature Range	<b>5 to 50°C</b>	<b>5 to 50°C</b>	<b>5 to 50°C</b>
Diameter	<b>12 mm</b>	<b>12 mm</b>	<b>12 mm</b>
pH range	<b>4 à 8</b>	<b>3.5 à 11</b>	<b>2 à 11</b>
Interfering ions	<b>OH<sup>-</sup></b>	<b>Al<sup>3+</sup>, Fe<sup>2+</sup>, Ba<sup>2+</sup>, Sr<sup>2+</sup>, Cu<sup>2+</sup>, Na<sup>+</sup>, Mg<sup>2+</sup>, K<sup>+</sup>, NH<sub>4</sub><sup>+</sup>, Li<sup>+</sup></b>	<b>Cl<sup>-</sup>, HCO<sub>3</sub><sup>-</sup>, NO<sub>2</sub><sup>-</sup>, CH<sub>3</sub>COO<sup>-</sup>, F<sup>-</sup>, SO<sub>4</sub><sup>2-</sup></b>



Article reference	AR02628	AR02345	AR02362
Internet article code	OGS004	OGS005	OGS006
Type	ISE25S	ISE25Pb	ISE21Na
Ions	S <sup>2-</sup>	Pb <sup>2+</sup>	Na <sup>+</sup>
Concentration (M)	10 <sup>-7</sup> to 1	10 <sup>-6</sup> to 10 <sup>-1</sup>	10 <sup>-7</sup> to 3
Concentration (ppm)	0.003 to 32000	0.2 to 20800	0.002 to 69000
Temperature Range	5 to 50°C	5 to 50°C	5 to 80°C
Diameter	12 mm	12 mm	12 mm
pH range	13 to 14	3 to 7	9 to 12
Interfering ions	Ag <sup>+</sup> , Hg <sup>2+</sup>	Cd <sup>2+</sup> , Ag <sup>+</sup> , S <sup>2-</sup> , Cu <sup>2+</sup> , Fe <sup>2+</sup> , Fe <sup>3+</sup> , Hg <sup>2+</sup>	Ag <sup>+</sup> , Li <sup>+</sup> , K <sup>+</sup> , Ti <sup>+</sup>

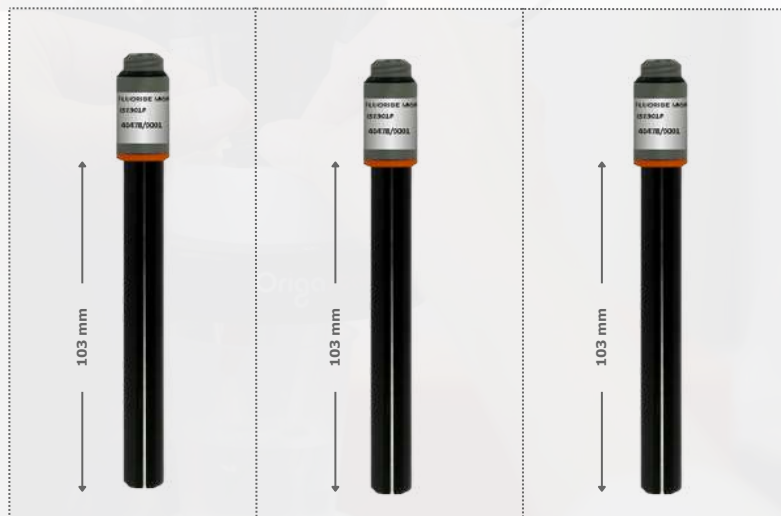
## Electrodes sélectives **non-combinées**



S7



Screw Head S7



Article reference	<b>AR00506ISEMONOCU</b>	<b>AR02351</b>	<b>AR02547</b>
Internet article code	AR00506ISEMONOCU	OGS008	OGS009
Type	ISE25Cu	-	ISE25K
Ions	Cu <sup>2+</sup>	Pb <sup>2+</sup>	K <sup>+</sup>
Concentration (M)	10 <sup>-7</sup> to 1	10 <sup>-6</sup> to 10 <sup>-1</sup>	10 <sup>-6</sup> to 1
Concentration (ppm)	0.006 to 64000	0.2 to 20800	0.04 to 39000
Temperature Range	5 to 50°C	5 to 50°C	5 to 50°C
Diameter	12 mm	12 mm	12 mm
pH range	2 to 7	3 to 7	1 to 9
Interfering ions	Ag <sup>+</sup> , Hg <sub>2</sub> <sup>2+</sup> , S <sup>2-</sup> , Br <sup>-</sup> , Cl <sup>-</sup>	Cd <sup>2+</sup> , Ag <sup>+</sup> , S <sup>2-</sup> , Cu <sup>2+</sup> , Fe <sup>2+</sup> , Fe <sup>3+</sup> , Hg <sub>2</sub> <sup>2+</sup>	Rb <sup>+</sup> , Cs <sup>+</sup> , NH <sub>4</sub> <sup>+</sup> , Na <sup>+</sup> , Ca <sup>2+</sup> , Mg <sup>2+</sup> , Li <sup>+</sup>

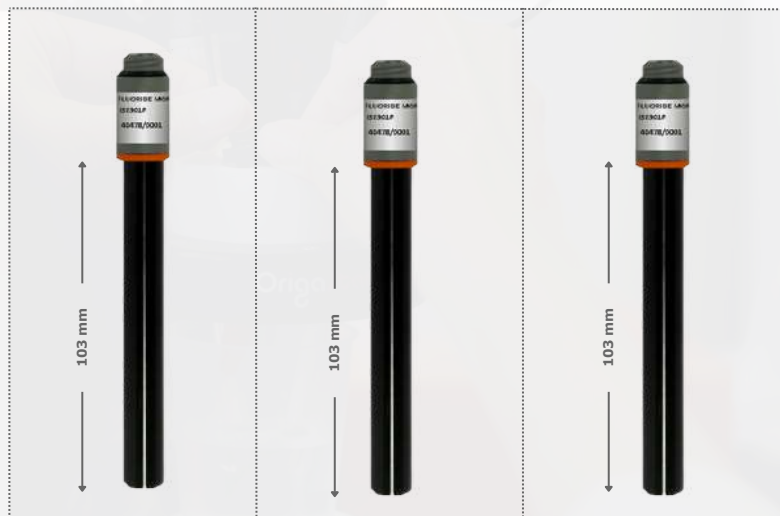
## Combined selective electrodes



S7



Screw Head S7



Article reference	<b>AR02344</b>	<b>AR0204</b>	<b>AR003541ISEPB</b>
Internet article code	<b>OGS201</b>	<b>OGS204</b>	<b>AR003541ISEPB</b>
Type	-	ISE25S	-
Ions	<b>F<sup>-</sup></b>	<b>S<sup>2-</sup></b>	<b>Pb<sup>2+</sup></b>
Concentration (M)	<b>10<sup>-6</sup> to 10<sup>-1</sup></b>	<b>10<sup>-7</sup> to 1</b>	<b>10<sup>-6</sup> to 10<sup>-1</sup></b>
Concentration (ppm)	<b>0.02 to 1900</b>	<b>0,003 to 32000</b>	<b>0,2 to 20800</b>
Temperature Range	<b>5 to 50°C</b>	<b>5 to 50°C</b>	<b>5 to 50°C</b>
Diameter	<b>12</b>	<b>12</b>	<b>12</b>
pH range	<b>4 to 8</b>	<b>13 to 14</b>	<b>3 to 7</b>
Interfering ions	<b>OH<sup>-</sup></b>	<b>Ag<sup>+</sup>, Hg<sup>2+</sup></b>	<b>Cd<sup>2+</sup>, Ag<sup>+</sup>, S<sup>2-</sup>, Cu<sup>2+</sup>, Fe<sup>2+</sup>, Fe<sup>3+</sup>, Hg<sup>2+</sup></b>

We also offer other models. In fact, all our non-combined selective electrodes are available in a combined version. For more information, please do not hesitate to contact us.

## Combined pH electrodes



S7



Screw Head S7



Article reference	<b>AR02336</b>	<b>AR02339</b>	<b>AR00721</b>
Internet article code	OGPH201	OGPH202	OGPH203
Type	pHC2401	pHC3001	pHC3005
Temperature Range	-5 to 80°C	-5 to 80°C	-5 to 80°C
Combined	Yes	Yes	Yes
Grinded	No	No	No
Diameter	12 mm	12 mm	12 mm
pH Range	0-12	0-12	0-12
Reference element	Ag/AgCl	Ag/AgCl	Ag/AgCl
Liquid Junction	Annular	Porous Pin	Porous Pin
Corps	Glass	Glass	Epoxy
Solution électrolytique	KCl 3M + AgCl saturated	KCl 3M + AgCl saturated	KCl 3M + AgCl saturated



**For aggressive  
environments**

**Long combination**



Article reference	<b>AR02353</b>	<b>AR02348</b>	<b>AR02311</b>
Internet article code	<b>OGPH204</b>	<b>OGPH208</b>	<b>OGPH207</b>
Type	<b>pHC3011</b>	<b>-</b>	<b>XC161-9</b>
Temperature Range	<b>-5 to 80°C</b>	<b>0° to 100°C</b>	<b>0 to 80°C</b>
Combined	<b>Yes</b>	<b>Yes</b>	<b>Yes</b>
Diameter	<b>12 mm</b>	<b>12 mm</b>	<b>12 mm</b>
pH Range	<b>0-14</b>	<b>0-14</b>	<b>0-12</b>
Reference element	<b>Ag/AgCl</b>	<b>Ag/AgCl</b>	<b>Ag/AgCl</b>
Liquid Junction	<b>Porous Pin</b>	<b>Porous Pin</b>	<b>Porous Pin</b>
Body	<b>Glass</b>	<b>Glass</b>	<b>Glass</b>
Electrolytic solution	<b>KCl 3M + AgCl saturated</b>	<b>KCl 3M + AgCl saturated</b>	<b>KCl 3M + AgCl saturated</b>

## Combined pH electrodes



S7



Screw Head S7



Article reference	<b>AR01234</b>
Internet article code	<b>OGPH205</b>
Type	<b>pHC3006L</b>
Combined	<b>Yes</b>
Temperature Range	<b>0 to 80°C</b>
Diameter	<b>6.5 mm</b>
Electrolytic solution	<b>KCl 3M + AgCl saturated</b>
Reference element	<b>Ag/AgCl</b>
Body	<b>Glass</b>
pH Range	<b>0 - 12</b>
Liquid Junction	<b>Porous Pin</b>

## Non-combined pH electrodes



S7



Screw Head S7



Article reference	<b>AR02337</b>	<b>AR02338</b>
Internet article code	OGPH001	OGPH002
Type	pHG301	pHG311
Combined	No	No
Temperature Range	-5 to 80°C	-5 to 80°C
Diameter	12 mm	12 mm
Electrolytic solution	KCl	KCl
Reference element	Ag/AgCl	Ag/AgCl
Body	Glass	Glass
pH Range	0-12	0-14

## pH electrodes (integrated temperature probe)



S7



Screw Head S7



Article reference	AR02355	AR02629
Internet article code	OGPH301	OGPH301L3M
Type	PHC3085	PHC3085
Combined	Yes	Yes
Temperature Range	-5 to 80°C	-5 to 80°C
Diameter	12 mm	12 mm
Reference element	Ag/AgCl	Ag/AgCl
pH Range	0-12	0-12
Temperature probe	Yes, integrated 1 M	Yes, integrated 3 M
Liquid Junction	Porous Pin	Porous Pin

## Conductivity cells



S7



Screw Head S7



Article reference	<b>AR02340</b>	<b>AR02315</b>
Internet article code	<b>OGEOPOXY001</b>	<b>OGEOPOXY002</b>
Type	CDC754-9 with 2 graphite plates (C)	CDC745-9 with 2 platinum plates (Pt)
Temperature Range	0 to 100°C	0 to 100°C
Diameter	12 mm	12 mm
Number of poles	2	2
Compatibility	CM210/230, CDM92 / CDM83	CM210/230, CDM92 / CDM83
Body	Epoxy	Epoxy
Replatinable	No	Yes



## Conductivity cells



S7



Screw Head S7



MiniDin6



Article reference	<b>AR02356</b>	<b>AR02316</b>
Internet article code	<b>OGCGLASS001</b>	<b>OGCGLASS002</b>
Type	<b>XE100 with 2 platinum plates (Pt)</b>	<b>-</b>
Temperature Range	<b>0 to 100°C</b>	<b>0 to 100°C</b>
Diameter	<b>12 mm</b>	<b>12 mm</b>
Number of poles	<b>2</b>	<b>2</b>
Compatibility	<b>CM210/230, CDM92 / CDM83</b>	<b>OCD218 and other (with adapter)</b>
Body	<b>Glass</b>	<b>Glass</b>
Replatinable	<b>Yes</b>	<b>Yes</b>
Connections	<b>Screw Head S7</b>	<b>Din6</b>
Temperature probe	<b>No</b>	<b>Yes</b>

## Industrial electrodes



S7



Screw Head S7

Reference electrode



Auxiliary electrode



Article reference	<b>AR00301</b>	<b>AR00302</b>
Internet article code	AR00301	AR00302
Type	Industrial	Industrial
Reference/sensitive element	Ag/AgCl (gel)	Platinum wire (Pt) ø: 1mm Length: 10 mm
Temperature Range	-10 to 100°C	-5 to 80°C
Lower diameter	6 mm	8 mm
Body	Verre	Verre
Grinded	No	PG 13.5 screwing
Liquid Junction	Porous Pin	-
Electrolytic solution	3M KCl with saturated AgCl	-

## Other electrodes



S7



Screw Head S7

### ORP/Redox



### Karl Fischer titration



Article reference	<b>AR02346</b>	<b>AR02360</b>	<b>AR02347</b>
Internet article code	<b>OGVR001</b>	<b>OGVR003</b>	<b>OGK001</b>
Type	<b>MC3051Pt</b>	<b>MC6091Ag</b>	<b>M231pt2</b>
Reference/sensitive element	<b>Ag/AgCl - Platinum ring</b>	<b>Ag</b>	<b>2 platinum wires</b>
Temperature Range	<b>0 to 80°C</b>	<b>0 to 60°C</b>	<b>-10 to -100°C</b>
Lower diameter	<b>8 mm</b>	<b>12 mm</b>	<b>12 mm</b>
Body	<b>Glass</b>	-	-
Liquid junction	<b>Porous Pin</b>	-	-
Electrolytic solution	<b>3M KCl with saturated AgCl</b>	-	-



Cinch (RCA)



Screw Head S7

### Temperature probe



### Platinum specific counter electrode



Article reference	<b>AR00427CIAL</b>	<b>AR02331</b>
Internet article code	AR00427CIAL	OGV009
Type	T201	-
Compatibility	PHM2XX, CDM2XX / PHM9X	-
Temperature Range	-10 to 105°C	-
Lower diameter	7.5 mm	-
Connection	Cinch	Screw Head S7
Body	PEEK	Glass
Material	Titanium	1x30mm platinum wire
Cable	RCA/RCA included	-
Grinded	No	RIN 10/19

## Filling solutions (REF, allonges, pH combinées en verre)



Article reference	AR00806	AR00278	AR01269	AR02423
Internet article code	AR00806	AR00278	AR01269	AR02423
Solution type	Saturated KCl	3M saturated KCl (Ag/AgCl)	K <sub>2</sub> SO <sub>4</sub> saturated	KOH 0.1 M
Quantity	250 mL	250 mL	500 mL	250 mL

## Conductivity solutions



Article reference	AR01876	AR01880	AR01878	AR01879
Internet article code	AR01876	AR01880	AR01878	AR01879
Solution type	1.413 mS to 25°C	12.85 mS to 25°C	111.80 mS to 25°C	1.408 mS to 25°C
Quantity	500 mL	500 mL	500 mL	500 mL

Article reference	AR02523	AR01877	AR01881
Internet article code	AR02523	AR01877	AR01881
Solution type	1.015 mS to 25°C	12.88 mS to 25°C	111.31 mS to 25°C
Quantity	500 mL	500 mL	500 mL

## pH solutions



Article reference	AR01380	AR01380	AR01381
Internet article code	AR01380	AR01380	AR01381
Solution type	For pH electrodes 4.005 ± 0.010 at 25°C	For pH electrodes 7.005 ± 0.010 at 25°C	For pH electrodes 9.180 ± 0.010 at 25°C
Quantity	250 mL	250 mL	250 mL



## What solution for my REF electrode?

Internet article code	Article reference	Type	Type of electrodes	Filling solution
OGR001	AR02317	XR400	Mercury oxide (Hg/HgO) without grinded 120 mm	KOH 0.1M
OGR002	AR02318	XR400	Mercury oxide (Hg/HgO) with grinded 120 mm	KOH 0.1M
OGR003	AR02319	XR110	Calomel Saturated (ECS) with grinded 120 mm	Saturated KCl
OGR004	AR02320	REF421	Calomel Saturated (ECS) without grinded 103 mm	Saturated KCl
OGR005	AR02321	REF321	Silver chloride (Ag/AgCl) without grinded 103 mm	3M KCl saturated with Ag/AgCl
OGR006	AR02322	XR300	Silver chloride (Ag/AgCl) diameter inf. without grinded 120 mm	3M KCl saturated with Ag/AgCl
OGR007	AR02323	XR300	Silver chloride (Ag/AgCl) 6 mm lower diameter without grinded 120 mm	3M KCl saturated with Ag/AgCl
OGR008	AR02314	REF201	RedRod without grinded 103 mm	Saturated KCl
OGR009	AR02309	REF921	Calomel Saturated (ECS) non-aqueous medium without grinded 103 mm	LiCl 1M
OGR010	AR02324	-	Silver chloride (Ag/AgCl) without grinded 120 mm	3M KCl saturated with Ag/AgCl
OGR011	AR02313	-	Mercury sulfate (Hg/Hg <sub>2</sub> SO <sub>4</sub> ) With grinded 120 mm	K <sub>2</sub> SO <sub>4</sub> satur�
OGR012	AR02350	REF621	Mercury sulfate (Hg/Hg <sub>2</sub> SO <sub>4</sub> ) Without grinded 103 mm	K <sub>2</sub> SO <sub>4</sub> satur�
AR00301	AR00301	Industrial	Silver chloride (Ag/AgCl) without grinded 120 mm	Saturated KCl gel
OGR013	AR02352	-	Copper sulfate (Cu/CuSO <sub>4</sub> ) Without grinded 103 mm	CuSO <sub>4</sub>

## Calibration / Buffer Solutions (ISAB / TISAB)

We provide you with a wide range of solutions adapted to your needs for your selective electrodes:

- > Calibration solutions
- > ISAB (Ionic Strength Adjustment Buffer) solutions
- > TISAB (Total Ionic Strength Adjustment Buffer) solutions

For any additional information, do not hesitate to contact us.

## Cell for OrigaStat: OrigaCell Complete Kit



**Article reference:** X110GL001CIAL

The OrigaCell Kit is composed of **4 parts**:

- ① Plastic protective cover
- ② Electrode holder with LED cell lighting
- ③ Beaker holder (glass or plastic beaker, 30 to 125mL)
- ④ Base with retention tray

**Exclusively with the OrigaStat range:**  
each part can be adjusted or removed.

Ideal for teaching and surface treatment.

> See our specific packs.



**Article reference:** X100GL004

Please note, the OrigaMix (magnetic stirrer) is not part of the kit.

Exchangeable  
Swiss-made motor  
100 to 1500 rpm

- For OrigaStat only



**OGS100**  
without OrigaCell Kit



①



②



③



④



**OGS100**  
with OrigaCell Kit

## Thermostatic **corrosion** cell (CCTO/TH)



22,9 cm<sup>2</sup>



200 mL

Article reference:  
AR00780CIAL

This corrosion cell is perfect for surface treatment and for flat samples with large surface area.

Available in:

- thermostated
- non-thermostated

Ideal cell for crevice corrosion and surface treatment testing.

## **Corrosion** cell (TYPE CEC/TH)



1,33  
cm<sup>2</sup>



200 mL

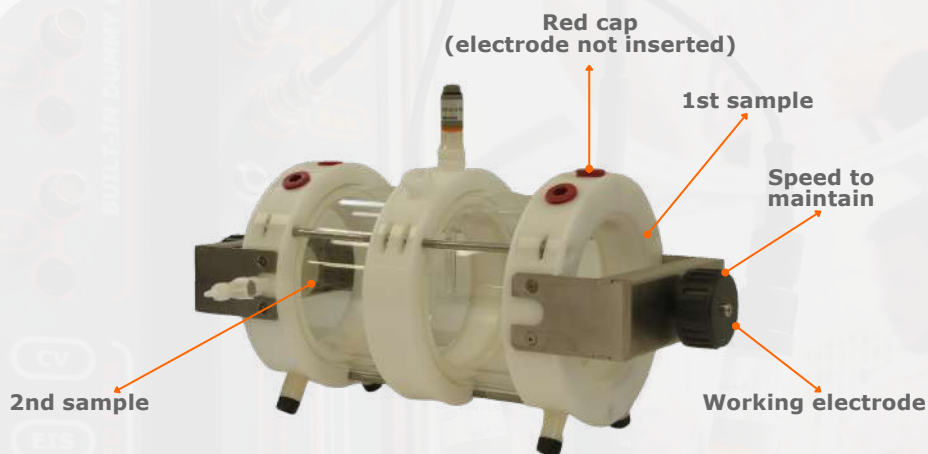
Article reference:  
AR01225CIAL

This thermostatically controlled corrosion cell (Flow Cell) is perfect for galvanic corrosion on surfaces less than 2 cm<sup>2</sup> and for disk samples.

It includes a sample holder and a platinum (Pt) counter-electrode:

- Sample diameter: 1.5 cm
- Pt counter-electrode:  $\varnothing$ 10 mm
- Ag/AgCl reference electrode
- Temperature probe

## Galvanic corrosion cell



Article reference:  
AR00828CIAL

**This galvanic corrosion cell (Flow Cell) is perfect for surface treatment tests and for flat samples. It is designed for flat samples with a large surface area. Position your electrodes wherever you want: up to 9 locations.**

**This thermostated cell includes:**

- **Active surface:  $\varnothing 133$  mm**
- **Maximum sample width: 158 mm**
- **Maximum sample length: unlimited**



100 cm<sup>2</sup>



2,5 L

## Flow Cell Corrosion Cell

This flow-through corrosion cell is perfect for erosion corrosion of disk samples. Flow an electrolyte through the cell.

This thermostated cell includes:

- Active surface:  $\varnothing 13$  mm
- A Calomel reference electrode
- A platinum disk counter-electrode  $\varnothing 10$  mm



1,33 cm<sup>2</sup>



A flux

Flow via 3  
inputs/outputs

REF

Working electrode

AUX

WE

Sample

Empty the cell

Article reference:  
AR00335CIAL



## Thermostatic hydrogen permeation cell

The Devanathan-Stachursky thermostated hydrogen permeation cell is used to study and measure the diffusion of hydrogen gas through materials.

This thermostated cell includes:

- Active surface:  $\varnothing 16$  mm
- Two reference electrodes
- Two platinum disk counter-electrodes  $\varnothing 10$  mm
- Two temperature probes



Article reference:  
AR01223CIAL

## Cells with **RDE stand (OrigaTrod)**

Large model:



Article reference:  
**AR00484CIAL**

This stand for EDT is composed of:

- Standard stand with sturdy base and the height is easily adjustable.
- A glass cell: the volume can vary on request. This cell can also be thermostatically controlled.

With its 5 openings, the cell is perfectly suited for a rotating electrode, a working electrode, a reference electrode and a counter electrode.

Small model:



Référence article :  
**AR02756CIAL**

This stand for EDT is composed of:

- Standard stand with sturdy base and the height is easily adjustable.
- A glass cell: the volume can vary on request. This cell can also be thermostatically controlled.

With its 5 openings, the cell is perfectly suited for a rotating electrode, a working electrode, a reference electrode and a counter electrode.

## Glass cells with stand



**Article reference:**  
AR00735CIAL

This stand for EDT is composed of:

- Standard stand with sturdy base and the height is easily adjustable.
- A glass cell: the volume can vary on request. This cell can also be thermostatically controlled.

With its 5 openings, the cell is perfectly suited for a rotating electrode, a working electrode, a reference electrode and a counter electrode.



**Article reference:**  
AR02052CIAL

This stand for EDT is composed of:

- Standard stand with sturdy base and the height is easily adjustable.
- A glass cell: the volume can vary on request. This cell can also be thermostatically controlled.

With its 5 openings, the cell is perfectly suited for a rotating electrode, a working electrode, a reference electrode and a counter electrode.

## Glass or plastic cells



Number	1	2	3	4	5	6
Article reference	AR00369	AR02103CIAL	AR00483	AR00471	AR01130	AR01129
Max volume.	150 ml	150 ml	150 ml	130 ml	100ml	100 m
Material	Glass	Glass	Glass	Plastic (beaker)	Glass	Glass
Thermostated	Yes	No	Yes	No	Yes	No
Compatibility	All	All	All	All	OrigaStat*	OrigaStat*

\*Only usable with the OrigaStat OrigaCell Kit

**For all other cell requests, contact us!**



## Accessories for electrodes & cells



**Article reference:** AR00325

The adaptable electrode holder is an essential device designed to hold electrodes in place during electrochemical experiments.

It offers great versatility and adapts to all types of electrodes.



**Article reference:** AR00373

Stopper for electrochemical cell: ensures perfect sealing, preventing leaks, contamination and evaporation of the electrolyte.



**Article reference:** AR00905

Bubbler tube: ideal for controlling the gas atmosphere of an electrochemical cell, by precisely diffusing a gas into the electrolyte.



**Article reference:** AR01004

Hole plug for lapping: designed to hold the electrodes while ensuring sealing and stability in the cell.





## Battery holders (button CR2032, AA, AAA)



**Button cell type CR2032**



**Button cell type CR2032**



ARTICLE REFERENCE	AR01190CIAL	AR01498CIAL
Number of measurement points	4	4
Operating ranges	-30° to 80°C	-30° to 80°C
Temperature probe	Integrated (PT1000)	Integrated (PT1000)
Temperature measuring range	-55°C to 155°C	-55°C to 155°C
Dimensions (L x W x H) in mm	70 x 32,5 x 13	70 x 32,5 x 13
Comments	Insertion on the front	Insert on top



**Pile AAA (LR03)**



**Pile AA (LR06)**



ARTICLE REFERENCE	AR02156CIAL	AR02157CIAL
Number of measurement points	4	4
Operating ranges	-30° to 70°C	-30° to 70°C
Temperature probe	Integrated (PT1000)	Integrated (PT1000)
Temperature measuring range	-55°C to 155°C	-55°C to 155°C
Dimensions (L x W x H) in mm	97,5 x 32,5 x 13	105,2 x 32,5 x 13

## Battery holders (super capacitor & 18650)



Super capacitor



18650 battery.  
(unprotected or protected)



ARTICLE REFERENCE	AR02162CIAL	AR02552CIAL
Number of measurement points	4	4
Operating ranges	-40° to 100°C	-30° to 70°C
Temperature probe	Integrated (PT1000)	Integrated (PT1000)
Temperature measuring range	-55°C to 155°C	-55°C to 155°C
Dimensions (L x W x H) in mm	105,2 x 32,5 x 13	97,5 x 32,5 x 13

## SPE support for screen printed electrodes



ARTICLE REFERENCE	AR02639CIAL
Dimensions (L x W x H)	55 x 46 x 32 mm
Connections (on OrigaFlex range)	Phoenix connector: 4 electrodes + temperature
Connections (on other devices)	2mm bananas: 3 electrodes

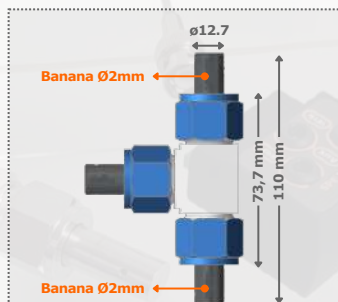


## Swagelok (3 and 2 electrodes) in PFA material

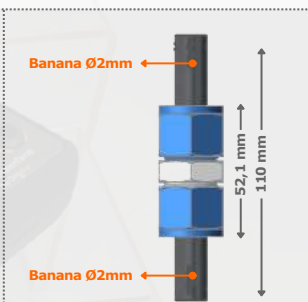
### With supports



### 3 electrodes

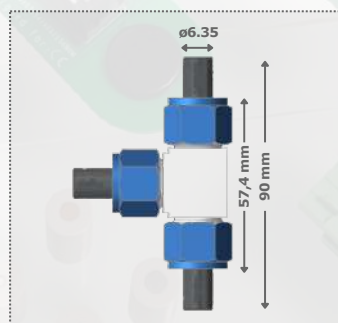


### 2 electrodes

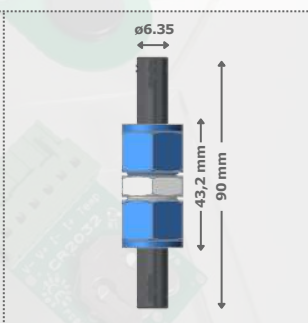


ARTICLE REFERENCE	AR02647	AR02648
SUPPORT REFERENCE	AR02695	AR02660
T°C PROBE REFERENCE	AR02657	AR02657
Diameter	Ø12.7 / 1/2"	Ø12.7 / 1/2"
Material	PFA	PFA
Number of electrodes	3	2

### 3 electrodes



### 2 electrodes

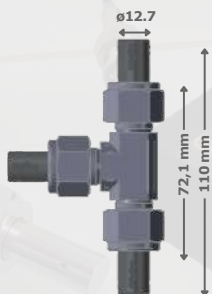


ARTICLE REFERENCE	AR02651	AR02649
SUPPORT REFERENCE	AR02696	AR02697
T°C PROBE REFERENCE	AR02658	AR02658
Diameter	Ø6.35 / 1/4"	Ø6.35 / 1/4"
Material	PFA	PFA
Number of electrodes	3	2

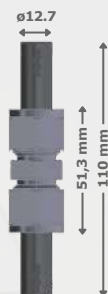
Compatible with all brands of potentiostats.

## Swagelok in 316L stainless steel

**3 electrodes**

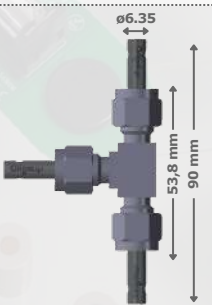


**2 electrodes**

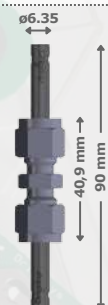


ARTICLE REFERENCE	<b>AR02656</b>	<b>AR02655</b>
SUPPORT REFERENCE	AR02695	AR02660
T°C PROBE REFERENCE	AR02657	AR02657
ELECT. INSULATOR REFERENCE.	AR02652	AR02652
Diameter	Ø12.7 / 1/2"	Ø12.7 / 1/2"
Material	316L stainless steel	316L stainless steel
Number of electrodes	3	2

**3 electrodes**



**2 electrodes**



ARTICLE REFERENCE	<b>AR02653</b>	<b>AR02654</b>
SUPPORT REFERENCE	AR02696	AR02697
T°C PROBE REFERENCE	AR02658	AR02658
ELECT. INSULATOR REFERENCE.	AR02652	AR02652
Diameter	Ø6.35 / 1/4"	Ø6.35 / 1/4"
Material	316L stainless steel	316L stainless steel
Number of electrodes	3	2

Compatible with all brands of potentiostats.



## Temperature probes for Swagelok

### For Swagelok 1/2"



ARTICLE REFERENCE	<b>AR02657</b>
Diameter	$\varnothing 12.7$ / 1/2"
Material	316L stainless steel
T°C measuring range	-10°C to 105°C*

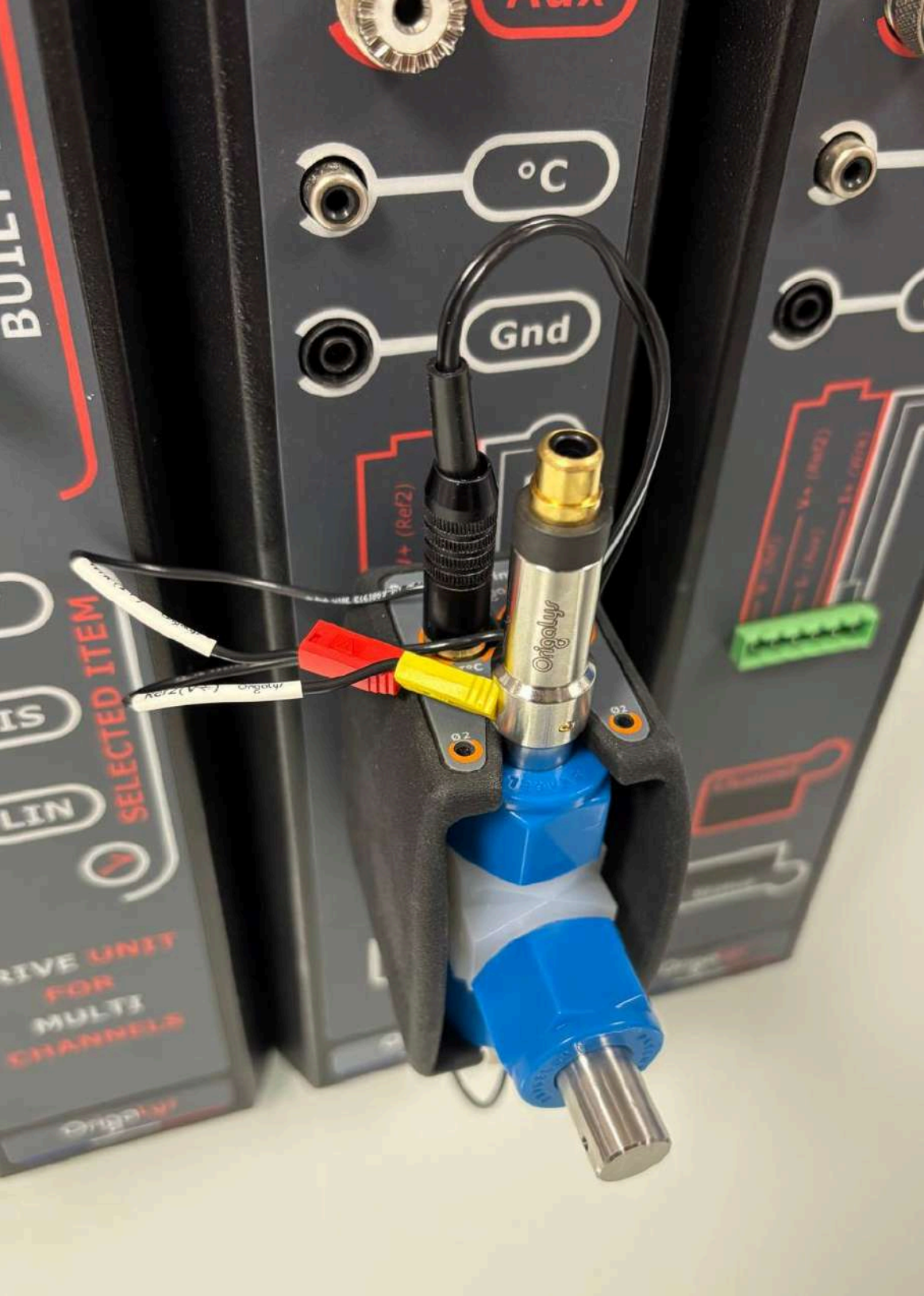
\*Possibility to extend the measuring range

### For Swagelok 1/4"



ARTICLE REFERENCE	<b>AR02658</b>
Diameter	$\varnothing 6.35$ / 1/4"
Material	316L stainless steel
T°C measuring range	-10°C to 105°C*

\*Possibility to extend the measuring range



## High input impedance voltage measurement

Add a high impedance input voltage measurement to anywhere in your cell.



ARTICLE REFERENCE	AR01556C1AL
Connectors	BNC
Max. voltage.	±15V
Software	Available on OrigaMaster 5 & OrigaViewer 2
Compatibility	OrigaFlex range & OGS100 / OGS200

## Foot pedal control

Operate safely with the OrigaSwitch, our foot pedal control designed for the OrigaBox and OrigaStat.



ARTICLE REFERENCE	AR01526
Connectors	BNC
Max. voltage.	±15V
Software	OrigaMaster & OrigaViewer
Dimensions	10 cm x 7 cm
Compatibility	OrigaFlex range & OGS100 / OGS200

## External dummy cell

The OrigaTest is an external, easily transportable dummy cell, allowing:

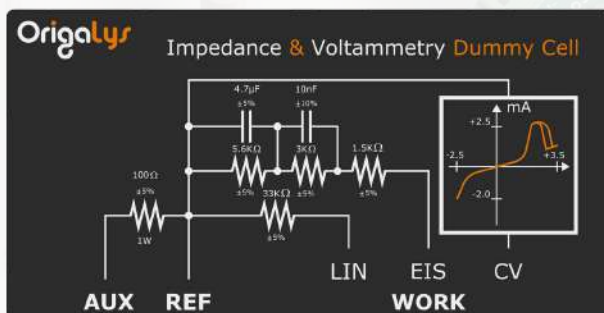


- Verification of the main technical specifications of OrigaLys products: OrigaStat or OrigaFlex.
- To become familiar with the OrigaMaster software; to prepare, launch and examine the experiments.
- Cable control. This allows us to determine whether the cables are operational or whether they need to be changed.

ARTICLE REFERENCE	<b>AR00792</b>
Connectors	Banana 4mm
Weight	0,150 kg
Dimensions (L x W x H) in mm	12 x 6,4 x 4 cm
Compatibility	OrigaStat & OrigaFlex

### Main functions of the fictitious cell:

- Linear Voltammetry (LIN)
- Auxiliary (AUX)
- 2 or 3 electrodes
- Cyclic Voltammetry (CV)
- Reference (REF)
- Impedance (EIS), double loop
- Work (WRK)



## Connectors, cables and adapters

	S7	Male banana ø2mm	Male banana ø4mm	BNC	MiniDin6
Male banana ø4mm	AR01206 (1m) B AR01207 (2m) B		AR01204 (1m) B AR00550 (1m) R AR00580 (2m) B AR00579 (2m) R AR01265 (5m) B AR01266 (5m) R	AR01189 (0.25m) B AR01214 (1m) B AR01194 (2m) B	
BNC	AR01211 (0.25m) B AR01210 (1m) B	AR01910 (1m) Y AR01911 (1m) G AR01197 (1m) B AR01201 (1m) R AR01591 (2m) Y AR01596 (2m) G AR01593 (2m) B AR01599 (2m) R AR01600 (3m) Y AR01595 (3m) G AR01594 (3m) B AR01598 (3m) R	AR01189 (0.25m) N AR01214 (1m) N AR01194 (2m) N	AR01570 (1m) B AR00556 (2m) B AR00341 (5m) B	
UHF	AR01219 (1m) B		AR01191 (0.25m) B AR01203 (1m) B AR00455 (2m) B		
S7		AR01205 (1m) B	AR01206 (1m) B AR01207 (2m) B	AR01211 (0.25m) B AR01210 (1m) B	AR01635 (1m) B

Cable color: Y: Yellow / G: Green / B: Black / R: Red



S7



Male banana  
ø2mm



Male banana  
ø4mm



BNC



UHF



MiniDin6

- Cable adapter for OCD Mini-DIN6 male / DIN6 screwed female / 15 cm (AR01544)
- Banana adapters and crocodile clips (insulated in ø2mm and insulated and non-insulated in ø4mm) for male banana ø2mm, male banana ø4mm:



AR01208



AR00677



AR01217  
ø2mm



AR01038  
ø2mm



AR01937  
ø2mm



AR01216  
ø4mm

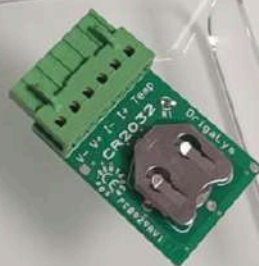
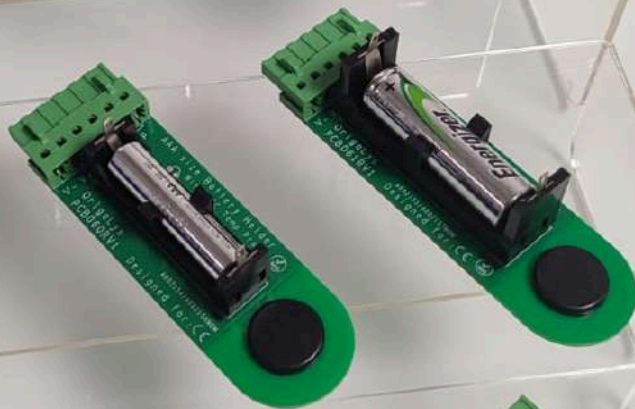


AR01572  
ø4mm



AR01571  
ø4mm



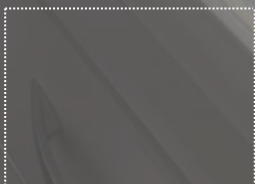




AR01230 - 01/07/2025

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