



Sensors Pricelist

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KITS



Electrochemistry Kit

In this kit you will find neatly arranged all the equipment (except chemicals) you need at your electrochemical workstation. The handy combination of BVT accessories and an EmStat3 Blue or PalmSens3EIS potentiostat will make it easy for you to start immediately with your research. The kit is available with a classic metal disc working electrode or thick film electrodes.

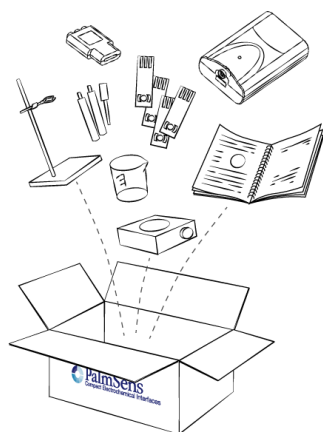
In the kit with classic electrodes (EKC) you will find:

- PalmSens3 [EKC-PS3EIS] or PalmSens4 [EKC-PS4.F2.10] or EmStat Blue [EKC-ES3BLUE]
- TC4 cell (a glass cell with 5 openings)
- 3 stoppers (for the glass cell)
- stirrer ST1 designed for TC4
- BVT classic WE (choose between BVT-WCE(S or 1)D(1-4).ES)
- BVT classic RE
- BVT classic CE
- Rugged plastic case

In the kit with Screen Printed Electrodes (EKS) you will find:

- PalmSens4 [EKS-PS4.F2.10] or PalmSens3EIS [EKS-PS3EIS] or EmStat Blue [EKS-ES3BLUE]
- TC4 cell (a glass cell with 5 openings)
- 3 stoppers (for the glass cell)
- stirrer ST1 designed for TC4
- BVT Sensor connector (conical plug for the glass cell with integrated connector)
- BVT Starter Kit (various BVT electrodes, [more information](#))
- Rugged plastic case

| Order code: | Price: | Ask PalmSens BV for multiple order discount |
|----------------------|--------------|---|
| EKC-PS4.F2.10 | 5.175 | |
| EKS-PS4.F2.10 | 4.895 | |
| EKC-PS3-EIS | 4.675 | |
| EKS-PS3-EIS | 4.395 | |
| EKC-ES3-BLUE | 2.775 | |
| EKS-ES3-BLUE | 2.495 | |



Educational Kit

This Kit is designed as the foundation for an electrochemistry course, lab class or similar teaching events. We combined our potentiostat with the necessary equipment and electrodes for a series of educational electrochemical experiments. To make sure that the instructor and students have the essential theoretical background for the experiments, we deliver a detailed teaching guide with the kit.

Experiments:

- Copper and Nickel Deposition
- The Cottrell Experiment
- Cyclic Voltammetry
- Detection of Multiple Heavy Metals by Stripping Voltammetry
- Glucose Biosensor
- Prussian Blue Hydrogen Peroxide Sensor

The kit includes:

- PalmSens potentiostat (EmStat series or PalmSens series)
- Retort stand with clamp
- Beaker
- Sensor connector
- Magnetic stirrer
- Switchbox (not included for EDUKIT ES3 and EDUKIT ES3+)
- 20x BVT Gold Sensors [BVT-AC1.W1.R1]
- 20x IS-C sensors
- 20x IS-HM sensors
- Pt disc working electrode
- Reference electrode (Ag/AgCl)
- Pt wire counter electrode
- Polishing tools
- Teacher's guide (a copy in paper and a pdf)
- Student's instructions (a copy and a pdf)

| Order code: | Price: | Included potentiostat | <i>Ask PalmSens BV for multiple order discount</i> |
|------------------|------------|-----------------------|--|
| EDUKIT-ES3-USB | 2.525 | EmStat3 | |
| EDUKIT-ES3P-USB | 2.925 | EmStat3+ | |
| EDUKIT-ES3-BLUE | 3.000 | EmStat3 Blue | |
| EDUKIT-ES3P-BLUE | 3.405 | EmStat3+ Blue | |
| EDUKIT-PS3 | 4.400 | PalmSens3 | |
| EDUKIT-PS3-EIS | 4.900 | PalmSens3EIS | |
| EDUKIT-PS4.F#.## | On inquiry | PalmSens4 | |



ItalSens SPE KIT

The ItalSens SPE KIT is meant to be combined with one of our potentiostats. Together they form a small and low cost electrochemical workstation. A simple retort stand with clamp, a magnetic stirrer (IS-SPEKIT2 also includes a switchbox for software controlled stirrer control) and a beaker are enough to perform various electrochemical experiments. The included ItalSens electrodes are suitable for many point-of-care applications and very popular. The electrodes offer a carbon and gold working electrode as well as an electrode modified for heavy metal detection. The complementary application notes booklet contains an application note for each of the electrodes.

Content IS-SPEKIT1:

- 20x ItalSens Graphite Sensors
- 20x BVT Gold Sensors [BVT-AC1.W1.R1]
- 20x ItalSens Sensors for Heavy Metals
- 1x Sensor connector for screen printed electrodes
- 1x Stand, clamp, moffel, beaker
- 1x Application notes
- 1x Magnetic stirrer

Additional in IS-SPEKIT2

- 1x switchbox for magnetic stirrer control via software

| | | |
|--------------------|-------------------|-------------------|
| Order code: | IS-SPEKIT1 | IS-SPEKIT2 |
| Price: | EUR 390 | EUR 510 |

Screen Printed Electrodes



Screen Printed Electrodes

IS-1: ItalSens graphite sensors
IS-HM1: ItalSens sensors for heavy metals

| | Graphite | Heavy metals |
|--------------------|----------|--------------|
| Order code: | IS-1 | IS-HM1 |
| Price/unit >400: | EUR 1,30 | EUR 1,90 |
| Price/unit 80-380: | EUR 1,50 | EUR 2,20 |
| Price/unit 20-60: | EUR 2,00 | EUR 3,00 |

Order multiple for IS sensors: 20 units



ItalSens sensor cable for PalmSens

| | Type TRIAD | Type LEMO |
|-------------|------------|------------|
| Order code: | IS-SENS-TR | IS-SENS-LM |
| Price: | EUR 70 | EUR 70 |

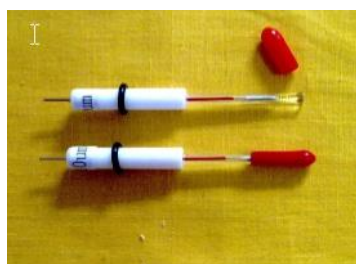
Alternative : PS-CONN, see page 18

Working Electrodes



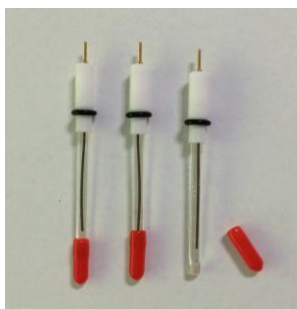
| Order Code: | Description: | Price: |
|----------------|--|---------|
| IS-2MM.AU-WE.1 | Classic Metal Disc Electrode (Ø 2 mm, Au) (1 unit) | EUR 120 |
| IS-2MM.AU-WE.3 | Classic Metal Disc Electrode (Ø 2 mm, Au) (3 units) | EUR 312 |
| IS-2MM.PT-WE.1 | Classic Metal Disc Electrode (Ø 2 mm, Pt) (1 unit) | EUR 120 |
| IS-2MM.PT-WE.3 | Classic Metal Disc Electrode (Ø 2 mm, Pt) (3 units) | EUR 312 |
| IS-2MM.AG-WE.1 | Classic Metal Disc Electrode (Ø 2 mm, Ag) (1 unit) | EUR 120 |
| IS-3MM.GC.WE.1 | Classic Metal Disc Electrode (Ø 3 mm, Glassy Carbon) (1 unit) | EUR 120 |
| IS-3MM.GC.WE.3 | Classic Metal Disc Electrode (Ø 3 mm, Glassy Carbon) (3 units) | EUR 312 |

Microelectrodes



| Order Code: | Description: | Price: |
|-----------------|--|---------|
| IS-10UM.AU.WE.1 | Ultramicro Metal Disc Electrode (Ø 10 µmm, Au) (1 unit) | EUR 196 |
| IS-10UM.AU.WE.3 | Ultramicro Metal Disc Electrode (Ø 10 µmm, Au) (3 units) | EUR 500 |
| IS-25UM.AU.WE.1 | Ultramicro Metal Disc Electrode (Ø 25 µmm, Au) (1 unit) | EUR 196 |
| IS-25UM.AU.WE.3 | Ultramicro Metal Disc Electrode (Ø 25 µmm, Au) (3 units) | EUR 500 |
| IS-10UM.PT.WE.1 | Ultramicro Metal Disc Electrode (Ø 10 µmm, Pt) (1 unit) | EUR 196 |
| IS-10UM.PT.WE.3 | Ultramicro Metal Disc Electrode (Ø 10 µmm, Pt) (3 units) | EUR 500 |
| IS-25UM.PT.WE.1 | Ultramicro Metal Disc Electrode (Ø 25 µmm, Pt) (1 unit) | EUR 196 |
| IS-25UM.PT.WE.3 | Ultramicro Metal Disc Electrode (Ø 25 µmm, Pt) (3 units) | EUR 500 |

Reference and Counter electrodes



| Order Code: | Description: | Price: |
|--------------------|--|---------|
| IS-AG/AGCL.AQ.RE.1 | Reference Electrode with Ag/AgCl in aqueous KCl (1 unit) | EUR 40 |
| IS-AG/AGCL.AQ.RE.3 | Reference Electrode with Ag/AgCl in aqueous KCl (3 units) | EUR 108 |
| IS-AG.NA.RE.1 | Reference Electrode with Ag for non-aqueous solution (1 unit) | EUR 40 |
| IS-AG.NA.RE.3 | Reference Electrode with Ag for non-aqueous solution (3 units) | EUR 108 |
| IS-CAL.RE.1 | Reference Electrode based on Calomel (1 unit) | EUR 124 |
| IS-PT.W.CE.1 | Counter Electrode made of Platinum Wire (1 unit) | EUR 108 |
| IS-PT.W.CE.3 | Counter Electrode made of Platinum Wire (3 units) | EUR 288 |

Other



| Order Code: | Description: | Price: |
|-------------|--|---------|
| IS-MRS.1 | Mini-Retort Stand including 4 glass cell (IS-GC) | EUR 200 |



| Order Code: | Description: | Price: |
|-------------|--|--------|
| IS-SCS.1 | Simple Cell Set combination of IS-GC.1, IS-TL.1 and IS-SCF.1 | EUR 68 |

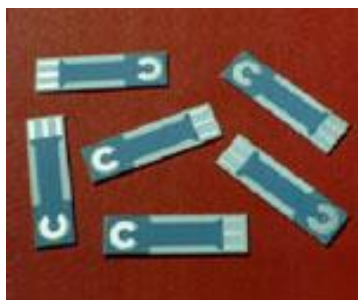


| Order Code: | Description: | Price: |
|-------------|---|--------|
| IS-SCF.1 | Simple Cell Foot | EUR 30 |
| IS-GC.1 | 4 Glass Cells (25 mL) with ground joint lit | EUR 8 |
| IS-TL.1 | Lit for the glass cell made from Teflon | EUR 30 |

| Order Code: | Description: | Price: |
|-------------|---|---------|
| IS-EPS.1 | Electrode Polishing Set, includes cloth, glass plates and alumina powder for electrode polishing (1 unit) | EUR 120 |

Handling fee for ItalSens sensors: EUR 30
 Handling fee for ItalSens electrodes EUR 50

BVT Sensors

**BVT-AC1 sensors:**

Order code: BVT-AC1.W#.R#

Order multiple of AC1 sensors: 20

| | | |
|----------|--------------|----------------------------|
| BVT-AC1. | WS. Au/Pt | RS AgPd (98%/2%) |
| | W1. Au | R1 Ag/AgCl (60%/40%) |
| | W2. Pt | R2 Chlorinated silver** |
| | W3. Ag | |
| | W4. C* | |

Dw = 2 have the same price as the regular AC1.W#.R#.

Order code: BVT-AC1.W#.R#**Price:** 1,35 each for 260 or more

1,50 each for 20 to 240

* Add EUR 0,40 to the price of each W4 sensor

** Add EUR 0,70 to the price of each R2 sensor

BVT-AC1.AChE sensors¹:**EUR** 9,90 each for 25 to 250**BVT-AC1.GOD sensors¹:****EUR** 7,90 each for 25 to 250**AC1 sensor cable for PalmSens****Order code:** Type TRIAD BVT-SENS-TR**Price:** EUR 70**Type LEMO****BVT-SENS-LM****EUR 70***Alternative : PS-CONN, see page 18***FC2.3 Flow cell (PMMA) for AC1 sensors****FC4.3 Flow cell (PEEK) for AC1 sensors**

Both with cable for PalmSens

Specify connector (Lemo or Triad), ask PalmSens BV

Order code: BVT-FC2.3**Price:** EUR 180**BVT-FC4.3****EUR 290**

¹ These sensors have to be shipped in a cooled box, with extra shipment charges depending on destination. Order multiple of BVT-AC1.AChE sensors and BVT-AC1.GOD sensors: 25



Glass cells

TC4: Standard small volume 20 ml cell with central opening (NJ 12/14) and four side openings (NJ 10/13).

TC5: Water jacketed 20 ml cell with central opening (NJ 12/14) and four side openings (NJ 10/13).

TC6: Special easily washable 20 ml cell with central opening (NJ 12/14) and four side openings (NJ 10/13).

| | | | |
|----------------------------|-----------------|-----------------|-----------------|
| Order code: | BVT-TC4 | BVT-TC5 | BVT-TC6 |
| Price: | EUR 120 | EUR 120 | EUR 180 |
| Stopper: | EUR 1,50 | EUR 1,50 | EUR 1,50 |
| Stopper for tubing: | EUR 5,00 | EUR 5,00 | EUR 5,00 |



KA1C.3 Cable for AC1 sensors used with TC4 cell

| | |
|--------------------|-------------------|
| Order code: | BVT-KA1C.3 |
| Price: | EUR 90 |



Sensorarray

Order code: BVT-AC9C.Wn.Rm

Order multiple of AC9C sensors: 5

| | | |
|-----------|--------------|----------------------------|
| BVT-AC9C. | WS. Au/Pt | RS AgPd (98%/2%) |
| | W1. Au | R1 Ag/AgCl (60%/40%) |
| | W2. Pt | R2 Chlorinated silver** |
| | W3. Ag | |
| | W4. C* | |

| | |
|--------------------|---|
| Order code: | BVT-AC9C.Wn.Rm |
| Price: | EUR 8,90 each for 5 to 250 |
| | EUR 8,10 each for 255 or more |
| | * Add EUR 0,40 to the price of each W4 sensor |
| | ** Add EUR 0,70 to the price of each R2 sensor |

| | |
|--------------------|---|
| Order code: | AC9C Sensorarray cable for MUX8/16 multiplexer |
| Price: | BVT-ARRMUX |
| | EUR 140,00 |

BVT classic electrodes



Working Classic Electrode Conic

WCEc. WS.D1: Platinum wire, Φ 100 μm
 WS.D2: Platinum wire, Φ 600 μm
 WS.D3: Platinum wire, Φ 1000 μm
 W1.D4: Golden wire, Φ 20 μm

Order code: BVT- WCEc.Wn.Dn.ES
Price: 120
Order multiple: 1 unit



Reference Classic Electrode Conic

RCEc. R1 – Ag covered by AgCl
 RS – Ag

Order code: BVT- RCEc.Rn.ES
Price: 140
Order multiple: 1 unit



Auxiliary classic electrode conic

ACEc is a glass tube with platinum plate wire.

Order code: BVT- ACEc.ES
Price: 135
Order multiple: 1 unit



Miniature Oxygen Electrode

OE. D1: Platinum wire, Φ 100 μm
 D2: Platinum wire, Φ 600 μm
 D3: Platinum wire, Φ 1000 μm
 D4: Golden wire, Φ 20 μm

Order code: BVT- OE.Dn.ES
Price: 250
Order multiple: 1 unit



Calomel electrode

The reference system is Hg/HgCl_2 contacted by a platinum wire. The electrode can be delivered with a salt bridge.

Order code: BVT- CALEL

Price: 140

Order multiple: 1 unit

BVT accessories



Mini rotating disk electrode

- with an USB connection
- openings are suitable for the connector KA1C.S

Set consists of:

- the mini Rotating disc electrode
- a TC4 glass cell
- control electronics and software

Order code: BVT- MRDE

Price: 3.200



Minithermostat

Fast sample cooling/heating (from $-9,9^\circ\text{C}$ to $59,9^\circ\text{C}$ with accuracy $0,1^\circ\text{C}$). For use with TC4, TC6.

Order code: MT1

Price: 1.250



Stirrer ST1

- brushed motor
- control via the PalmSens or EmStat Blue possible
- supply voltage 3 V and current max 100 mA
- Revolutions range: 100 – 1000 rpm
- easily plugged into TC4, TC5 or TC6 central opening

Order code: BVT-ST1

Price: 290

+ PalmSens control

+ 60

**USB Stirrer with speed control**

- alternative for a rotating disc electrode
- control and power via USB
- precise control in the speed range 100 - 1000 rpm
- easily plugged into TC4, TC5 or TC6 central opening

Order code: BVT-USBSTIRRER
Price: 710

Handling fee for BVT sensors and accessories: EUR 30

BST Sensors



When quality in diagnostics counts



Thick film sensors

BST-100: WE C, RE/CE: Ag/AgCl

Order code: **BST-100**

Price/unit 20-100: **EUR 6,20**

Price/unit 101-500: **EUR 5,20**

BST-120: WE Pt, CE: Pt, RE: Ag

Order code: **BST-120**

Price/unit 20-100: **EUR 6,30**

Price/unit 101-500: **EUR 5,30**

BST-121: WE Au, CE Pt, RE Ag/Ag/Cl

Order code: **BST-121**

Price/unit 20-100: **EUR 7,10**

Price/unit 101-500: **EUR 6,20**

BST-122: WE C, CE Pt, RE Ag/Ag/Cl

Order code: **BST-122**

Price/unit 20-100: **EUR 6,20**

Price/unit 101-500: **EUR 5,20**

BST-154: WE Au, RE/CE Ag/AgCl

Order code: **BST-154**

Price/unit 20-100: **EUR 7,10**

Price/unit 101-500: **EUR 6,20**



BST sensorcable

Order code: **Type TRIAD**
Price: **BST-SENS-TR**
EUR 70

Type LEMO
BST-SENS-LM
EUR 70

Alternative : PS-CONN, see page 18



BST Flow Cells:

1410 Flow cell for 2-electrode sensors 100 and 154

1411 Flow cell for 3-electrode sensors 120, 121 and 122

Order code: **BST-FC2 (1410)**
Prices: **EUR 540**

BST-FC3 (1411)
EUR 570

Handling fee for BST sensors: on request



CHI electrodes and cells

Accessories

| Order code: | price, EUR | Description Unit |
|-------------|------------|---|
| CHI101 | 150.00 | 2 mm dia. Gold Working Electrode 1 |
| CHI101P | 390.00 | 2 mm dia. Gold Working Electrode, 3/pkg |
| CHI102 | 150.00 | 2 mm dia. Platinum Working Electrode 1 |
| CHI102P | 390.00 | 2 mm dia. Platinum Working Electrode 3/pkg |
| CHI103 | 150.00 | 2 mm dia. Silver Working Electrode 1 |
| CHI104 | 150.00 | 3 mm dia. Glassy Carbon Working Electrode 1 |
| CHI104P | 390.00 | 3 mm dia. Glassy Carbon Working Electrode 3/pkg |
| CHI105 | 245.00 | 10 μ m Gold Microelectrode 1 |
| CHI105P | 625.00 | 10 μ m Gold Microelectrode 3/pkg |
| CHI106 | 245.00 | 25 μ m Gold Microelectrode 1 |
| CHI106P | 625.00 | 25 μ m Gold Microelectrode 3/pkg |
| CHI107 | 245.00 | 10 μ m Platinum Microelectrode 1 |
| CHI107P | 625.00 | 10 μ m Platinum Microelectrode 3/pkg |
| CHI108 | 245.00 | 25 μ m Platinum Microelectrode 1 |
| CHI108P | 625.00 | 25 μ m Platinum Microelectrode 3/pkg |

Reference electrodes, auxiliary electrodes, cells... etc.,

| | | |
|---------|--------|--|
| CHI111 | 49.00 | Ag/AgCl Aqueous Reference Electrode 1 |
| CHI111P | 135.00 | Ag/AgCl Aqueous Reference Electrode 3/pkg |
| CHI112 | 49.00 | Non-Aqueous Ag/Ag ⁺ Reference Electrode 1 |
| CHI112P | 135.00 | Non-Aqueous Ag/Ag ⁺ Reference Electrode 3/pkg |
| CHI150 | 155.00 | Calomel Reference Electrode 1 |
| CHI115 | 135.00 | Platinum Wire Counter Electrode 1 |
| CHI115P | 360.00 | Platinum Wire Counter Electrode 3/pkg |
| CHI120 | 120.00 | Electrode Polishing Kit 1 |

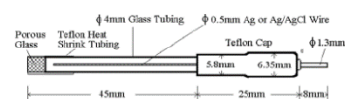
Cell

| | | |
|--------|--------|---|
| CHI220 | 250.00 | Simple Cell Stand |
| CHI221 | 75.00 | Cell Top (including Pt wire counter electrodes) |
| CHI222 | 10.00 | Glass cell |
| CHI223 | 50.00 | Teflon cap |

Accessories and Instrument Chasis



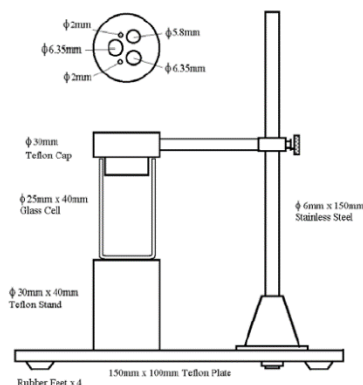
CHI101/102/103/104 Working Electrodes



CHI111/112 Reference Electrodes



CHI115 Pt Wire Counter Electrode




CHI220 Cell Stand


Handling fee for CHI sensors and accessories: EUR 30

Gwent Group Ltd.

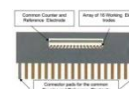


Number of WE: 1
 Counter electrode: Carbon Graphite Paste
 Reference electrode: Ag/AgCl Paste 60/40
 Substrate: Valox FR1 (alumina for surcharge available, see below)

| Order Code: | Price/unit (EUR) | Description unit |  | Ø of WE: | 2 mm |
|--|------------------|------------------------|---|-------------|-------|
| GG1-C.V | 3,10 | Carbon Graphite Paste | | size of RE: | 0.5*1 |
| GG1-Pt.V | 9,50 | Polymer Platinum Paste | | dimension: | 50*10 |
| GG1-Au.V | 9,00 | Gold Polymer Paste | | | |
| Product page (BE2050824D1) | | | | | |

| | | | | | |
|--|------|------------------------|---|-------------|-------|
| GG2-C.V | 3,10 | Carbon Graphite Paste |  | Ø of WE: | 4 mm |
| GG2-Pt.V | 9,50 | Polymer Platinum Paste | | size of RE: | 1.5*2 |
| GG2-Au.V | 9,00 | Gold Polymer Paste | | dimension: | 15*25 |
| Product page (BE2030605D1) | | | | | |

Number of WE: 16
 CE/RE electrode: Ag/AgCl Paste 60/40
 Substrate: Valox FR1 (alumina for surcharge available, see below)



| Order Code: | Price/unit (EUR) | Description unit | Ø of WE: | 0.8 mm |
|--|------------------|------------------------|-------------|--------|
| GG3-C.V | 4,40 | Carbon Graphite Paste | size of RE: | 20*1 |
| GG3-Pt.V | 11,30 | Polymer Platinum Paste | dimension: | 45*19 |
| GG3-Au.V | 10,80 | Gold Polymer Paste | | |
| Product page (BE2061107D2) | | | | |

Number of WE: 1
 CE/RE electrode: Ag/AgCl Paste 60/40
 Substrate: Valox FR1 (alumina for surcharge available, see below)



| Order Code: | Price/unit (EUR) | Description unit | Ø of WE: | 6 mm |
|--|------------------|------------------------|-------------|---------|
| GG4-C.V | 3,50 | Carbon Graphite Paste | size of RE: | 12*26.5 |
| GG4-Pt.V | on request | Polymer Platinum Paste | dimension: | |
| GG4-Au.V | 10,10 | Gold Polymer Paste | | |
| Product page (BE2070921D1) | | | | |

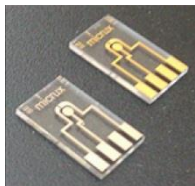
Number of WE: 1
 Counter electrode: Carbon Graphite Paste
 Reference electrode: Ag/AgCl Paste 60/40
 Substrate: Valox FR1 (alumina for surcharge available, see below)

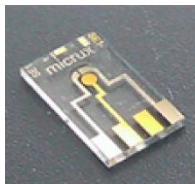



| Order Code: | Price/unit (EUR) | Description unit | Ø of WE: | 4 mm |
|--|------------------|-----------------------|-------------|-------|
| GG2-HM.V | 3.20 | Carbon / Bismuth salt | size of RE: | 1.5*2 |
| Product page (BE2140326P2) | | | | |


Extra for Alumina (e.g. GG1-C.A) substrate EUR 0.10/unit (EUR 1.40 for GG-C3, GG-Pt3, GG-Au3)


Handling fee for GWENT Group Ltd sensors: on request

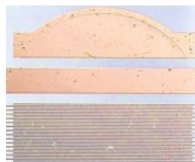
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|---|--|-----------|-----------|
|  | Thin-film Platinum or Gold single electrodes | | |
| | Order code: | ED-SE1-Au | ED-SE1-Pt |
| | Price: | EUR 3.60 | EUR 3.60 |

| | | | |
|---|---|-------------|--|
|  | Thin-film double-metal single electrodes (WE: Au / AE-RE: Pt) | | |
| | Order code: | ED-SE1-AuPt | |
| | Price: | EUR 6.40 | |

| | | | |
|---|---|--------------|--------------|
|  | Thin-film Platinum or Gold microelectrode array | | |
| | Order code: | ED-mSE-5-Au | ED-mSE-5-Pt |
| | | ED-mSE-10-Au | ED-mSE-10-Pt |
| | Price: | EUR 4.35 | EUR 4.35 |

| | | | |
|--|---|------------|------------|
|  | Thin-film Platinum or Gold interdigitated electrodes electrode width 10 µm electrode distance 10 µm | | |
| | Order code: | ED-IDE1-Au | ED-IDE1-Pt |
| | Price: | EUR 4.65 | EUR 4.65 |

| | | | |
|---|---|------------|------------|
|  | Thin-film Platinum or Gold interdigitated electrodes electrode width IDE2 10 µm, IDE3 5 µm electrodes distance 5 µm | | |
| | Order code: | ED-IDE2-Au | ED-IDE2-Pt |
| | Price: | ED-IDE3-Au | ED-IDE3-Pt |
| | | EUR 5.90 | EUR 5.90 |

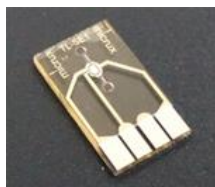
| | | | |
|---|---|------------|------------|
|  | Thin-film Platinum or Gold interdigitated array microelectrodes (10 µm) | | |
| | Order code: | ED-IDA1-Au | ED-IDA1-Pt |
| | Price: | EUR 3.60 | EUR 3.60 |

| | | | |
|---|--|------------|----------------|
|  | Thin-film Platinum or Gold interdigitated array microelectrodes (5 µm) | | |
| | Order code: | ED-IDA5-Au | ED-IDA6-Au |
| | Price: | ED-IDA5-Pt | ED-IDA6-Pt EUR |
| | | EUR 4.65 | 4.65 |



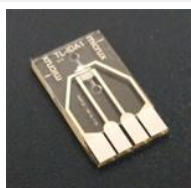
Thin-film Platinum or Gold interdigitated ring array microelectrodes (10 μm)

| | | |
|--------------------|--------------------|--------------------|
| Order code: | ED-IDRA1-Au | ED-IDRA1-Pt |
| Price: | EUR 3.60 | EUR 3.60 |



Thin-layer microfluidic Platinum or Gold single electrodes (based on ED-SE1)

| | | |
|--------------------|------------------|------------------|
| Order code: | TL-SE1-Au | TL-SE1-Pt |
| Price: | EUR 8.00 | EUR 8.00 |



Thin-layer microfluidic Platinum or Gold interdigitated electrodes with counter and reference electrode (based on ED-IDA)

| | | |
|--------------------|-------------------|-------------------|
| Order code: | TL-IDA1-Au | TL-IDA1-Pt |
| Price: | EUR 10.50 | EUR 10.50 |



Drop-cell connector

This connector is necessary to use the electrodes produced by MicruX. Just put the drop and measure. Supplied with a universal cable compatible with PalmSens3 and the EmStat series.

| | |
|--------------------|---------------------|
| Order code: | ED-DROP-CELL |
| Price: | EUR 195 |



All-in-one cell

This is a multipurpose interface with interchangeable add-ons for using MicruX electrodes. It is a Drop Cell base with two different add-ons: one for using it as a Flow Cell and the other one for using it in batch with higher volumes.

| | | |
|--------------------|-----------------------|--------------------------|
| Order code: | ED-AIO-ADD-ONS | ED-AIO-CELL-2x / |
| | | ED-AIO-CELL-3x |
| Price: | EUR 255 | EUR 740 / EUR 915 |

Handling fee for MicruX sensors: on request

Rusens

RUSENS Ltd.


RUS-Unmodified 3-electrode structure

EUR 1.20 each for 1 to 50
1.10 each for >51

RUS-Prussian blue based H_2O_2 sensor

EUR 4.35 each

RUS-Superstable H_2O_2 sensor:

EUR 10.80 each



FTWJ: Flow-through wall-jet cell for Rusens sensors
optional with flow damper

Order code: RUS- FTWJ
Price: EUR 300

RUS- FTWJ/FD
EUR 420
Inc. flow damper



Batch cell for Rusens sensors:

Order code: RUS-BC
Price: EUR 120

Handling fee for Rusens sensors: on request

PalmSens sensor accessories



Universal sensor connector

Universal sensor connector with 3 banana receptacles and a connection for the screen printed electrodes from BST, BVT, ItaiSens, Rusens, Gwent's GG-Au4, GG-C4 and GG-Pt4 as well as DropSens.

| | |
|--------------------|----------------|
| Order code: | PS-CONN |
| Price: | EUR 20 |

Please do not hesitate to contact PalmSens for more details:
info@palsens.com

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The Netherlands
www.palsens.com

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