



Eletrodos e Células

Ideais para estudos, testes, medições com alta precisão e diversas aplicações para **Eletroquímica** e **Eletroanalítica**.

parceira oficial



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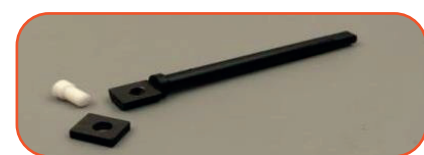


Working Electrodes

	Product ID	Specifications (mm)
Pt Electrode	Pt105	φ0.5
	Pt110	φ1
	Pt120	φ2
	Pt130	φ3
	Pt140	φ4
	Pt150	φ5
	Pt160	φ6
Au Electrode	Au105	φ0.5
	Au110	φ1
	Au120	φ2
	Au130	φ3
	Au140	φ4
	Au150	φ5
	Au160	φ6
Ag Electrode	Ag120	φ2、φ3
	Ag140	φ4
	Ag150	φ5
GC Electrode	GC120	φ2
	GC130	φ3
	GC140	φ4
	GC150	φ5
	GC160	φ6
	GC370	φ7
	GC380	φ8
	GC390	φ9
	GC310	φ10
	GC315	φ15
	GC321	φ20

Pricelist of Electrode – Electrode holder

	Product ID	Specifications (mm)
Electrode holder (PTFE)	J110	Φ6*80
Electrode holder (ss304)	J120	Φ6*80
Electrode holder (GC+PEEK)	J110-GC	Φ6*80
Electrode holder (Graphite)	J110-C	Φ6*80



Reference Electrode

	Product ID	Specifications (mm)
Ag/AgCl	R0302	φ4
Ag/AgCl	R0303	φ6
Ag/AgCl	R0305	
Ag/Ag ⁺	R0202	φ4
Ag/Ag ⁺	R0201	φ6
SCE	R0232	
SCE	R0217	
Hg/HgSO ₄	R0401	
Hg/HgO	R0501	

Dual electrode as SEM and common measurement

Type		Product ID	Specifications (mm)
Type of thread (The electrode head length ≤ 10mm: According to the height of the electron microscope room)	Au	DAu120	Φ2
		DAu130	Φ3
		DAu140	Φ4
		DAu150	Φ5
	Pt	DPt120	Φ2
		DPt130	Φ3
		DPt140	Φ4
	GC	DGC120	Φ2
		DGC130	Φ3
		DGC140	Φ4
		DGC150	Φ5
Type of push-pull (The electrode head length ≤ 5mm: According to the height of the electron microscope room)	Au	DAu125	Φ2
		DAu135	Φ3
		DAu145	Φ4
		DAu155	Φ5
	Pt	DPt125	Φ2
		DPt135	Φ3
		DPt145	Φ4
	GC	DGC125	Φ2
		DGC135	Φ3
		DGC145	Φ4
		DGC155	Φ5
		DGC165	Φ6



Type of push-pull



Type of thread

Counter electrode

	No.	Product ID	Specifications
Pt Wire Electrode Specifications(mm)	1	Pt005	$\varnothing 0.5 \times 37$
	2	Pt017	$\varnothing 1 \times 37$
	3	Pt015	$\varnothing 1 \times 5$
	4	Pt010	$\varnothing 1 \times 10$
Pt Net Electrode SpecificationsL* W(mm)	1	Pt305	5×10
	2	Pt310	10×10
	3	Pt315	10×15
	4	Pt312	10×20
	5	Pt350	15×15
	6	Pt320	20×20
	7	Pt330	30×30
	8	Pt321	$\varnothing 20$
Pt sheet Electrode SpecificationsL* W*H(mm)	1	Pt213	$2 \times 5 \times 0.1$
	2	Pt251	$5 \times 5 \times 0.1$
	3	Pt252	$5 \times 5 \times 0.2$
	4	Pt253	$5 \times 10 \times 0.1$
	5	Pt254	$5 \times 10 \times 0.2$
	6	Pt255	$5 \times 10 \times 0.3$
	7	Pt210	$10 \times 10 \times 0.1$
	8	Pt211	$10 \times 10 \times 0.2$
	9	Pt214	$10 \times 10 \times 0.3$
	10	Pt215	$10 \times 10 \times 0.5$
	11	Pt216	$10 \times 15 \times 0.1$
	12	Pt217	$10 \times 15 \times 0.2$
	13	Pt218	$10 \times 15 \times 0.3$
	14	Pt219	$10 \times 15 \times 0.5$
	15	Pt212	$10 \times 20 \times 0.1$
	16	Pt220	$10 \times 20 \times 0.2$
	17	Pt221	$10 \times 20 \times 0.3$
	18	Pt222	$10 \times 20 \times 0.5$
	19	Pt240	$15 \times 15 \times 0.1$
	20	Pt241	$15 \times 15 \times 0.2$
	21	Pt242	$15 \times 15 \times 0.3$
	22	Pt243	$15 \times 15 \times 0.5$
	23	Pt224	$20 \times 20 \times 0.1$
	24	Pt226	$20 \times 20 \times 0.2$
	25	Pt228	$20 \times 20 \times 0.3$
	26	Pt229	$20 \times 20 \times 0.5$
	27	Pt230	$10 \times 30 \times 0.1$
	28	Pt231	$10 \times 30 \times 0.2$
	29	Pt261	$30 \times 30 \times 0.1$
	30	Pt262	$30 \times 30 \times 0.2$

Rotating Disk Electrodes (for PINE)

E3 series



Disk diameter: 3mm 4mm 5mm

Disk Materials: Pt, Glassy carbon

Shroud: PTFE, PEEK

E5 series



Disk diameter: 3mm 4mm 5mm

Disk Materials: Pt, Glassy carbon

Shroud: PTFE, PEEK

RRDE



Disk diameter: 5.61mm

Dimensions

Ring-Disk Gap	318 μm
Disk Outer Diameter	5.61 mm
Ring Inner Diameter	6.25 mm
Ring Outer Diameter	7.92 mm
Shroud Outer Diameter	15.0 mm
Collection Efficiency	37%
Disk Area	0.2475 cm^2
Ring Area	0.1866 cm^2

Shroud: PTFE

Change-Disk RRDE



Disk diameter: 5mm

Materials: Pt Disk, Glassy carbon Disk

Shroud: PTFE

Sample Support Object Model: J210



Specifications:

Dimensions

Working Electrode Area - 1 cm²

Electrode Pole Length - 10 cm

Attention:

For the limitation of sample support object. Working sample and cell should keep the dimension as follows.

Working sample: Thickness < 5 mm and OD < Φ 15 mm.

Cell: Volume $\geq$ 150 ml.

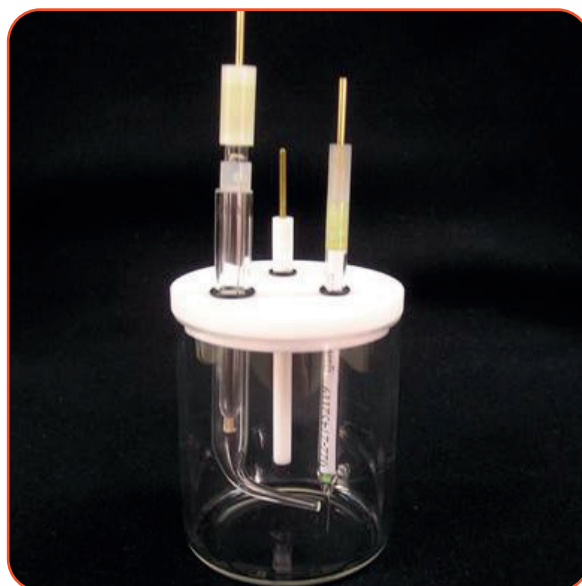
Sealed electrolytic cell Model: C001



	Capacity(ml)
1	20ml/30ml/50ml
2	100ml
3	150ml
4	250ml
5	10ml

NOTE: Before shipment, we will be according to the diameter of the electrodes punch holes in the cover.

Electrolytic cell Model: C002



	Capacity(ml)
1	10~30ml
2	50ml
3	100ml
4	150ml
5	200ml~250ml
7	300ml
8	500ml

NOTE: Before shipment, we will be according to the diameter of the electrodes punch holes on the lid.

Cell with water Jacket Model: C003



	Capacity(ml)
1	50ml
2	100ml
3	150ml

NOTE: Before shipment, we will be according to the diameter of the electrodes punch holes on the lid.

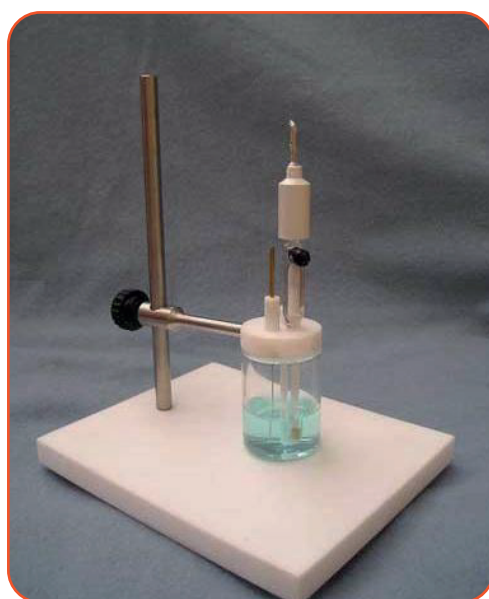
Cell with water Jacket Model: C003-S



	Capacity(ml)
1	20ml/30ml/50ml
2	100ml
3	150ml
4	10ml

NOTE: Before shipment, we will be according to the diameter of the electrodes punch holes on the lid.

Electrode stands Model: T0101



	Capacity(ml)
1	15/30
2	50
3	100
4	150
5	200

NOTE: Before shipment, we will be according to the diameter of the electrodes punch holes on the lid.

Multi-function electrolytic cell

Model: M005/M005-S



Specifications:

- Dimensions
 1. Working Electrode Area - 1 cm²(standard)
 2. The size of Sample table – according to the size of sample(L*W*H)
- Materials
 1. Cell body – Glass or PTFE.

M005	
50ml 100ml	
150ml	
200ml	
250ml	
M005-S (sealed cell)	
50ml 100ml	
150ml	
200ml	
250ml	

Note: Before shipment, we will be according to the diameter of the electrodes punch holes on the lid.

H-TYPE CELL Model: CH2001



	Capacity of each cell (ml)
1	50
2	100
3	150
4	200
5	250

NOTE: Before shipment, we will be according to the diameter of the electrodes punch holes on the lid.

H-TYPE CELL Model: CH2001-S (Sealed type)



	Capacity of each cell (ml)
1	50, 100
2	150

NOTE: Before shipment, we will be according to the diameter of the electrodes punch holes on the lid.

Membrane replaced cell (Not include Membrane)

Model: CH2010



	Capacity of each cell (ml)
1	50
2	100
3	150
4	200
5	250

NOTE: Before shipment, we will be according to the diameter of the electrodes punch holes on the lid.

Membrane replaced cell (Not include Membrane)

Model: CH2010-S (Sealed type)



	Capacity of each cell (ml)
1	50
2	100
3	150
4	200
5	250

NOTE: Before shipment, we will be according to the diameter of the electrodes punch holes on the lid.

Three port H-Type cell Model: CH2003



	Capacity of each cell (ml)
1	50
2	100
3	150
4	200
5	250

NOTE: Before shipment, we will be according to the diameter of the electrodes punch holes on the lid.

Three-ports H-type cell

Model: CH2003-T (with a Tee)



	Capacity of each cell (ml)
1	50
2	100
3	150
4	200
5	250

NOTE: Before shipment, we will be according to the diameter of the electrodes punch holes on the lid.

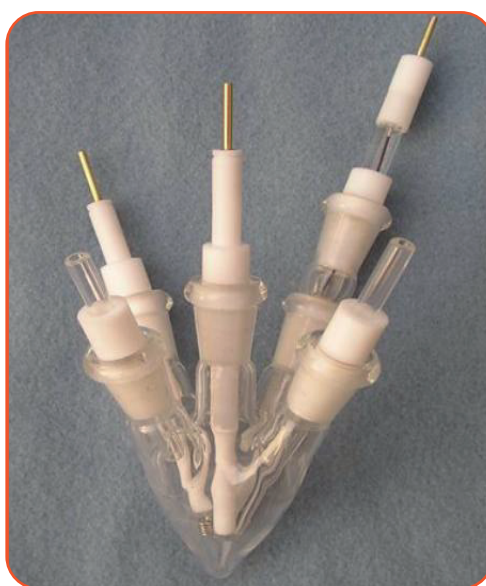
H-Type cell(with Water Jacket)Model: CH2004



	Capacity of each cell (ml)
1	50
2	100
3	150
4	200
5	250

NOTE: Before shipment, we will be according to the diameter of the electrodes punch holes on the lid.

Mini five-port Electrolytic Cell Model: C004



	Capacity(ml)
1	20

NOTE: Before shipment, we will be according to the diameter of the electrodes punch holes on the lid.

Five-Ports Cell Model: C010



	Capacity(ml)
1	50ml
2	100ml
3	150ml
4	250ml
5	500ml

NOTE: Before shipment, we will be according to the diameter of the electrodes punch holes on the lid.

Five-Ports Cell with water Jacket Model: C011



Accessories

	Capacity(ml)
1	150ml
2	150ml

NOTE: Before shipment, we will be according to the diameter of the electrodes punch holes on the lid.

Photo-electrochemical cell Model: K050

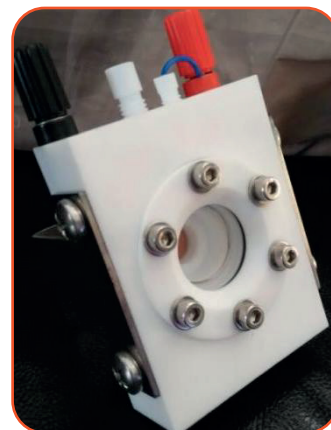
Specifications:

Dimensions

3. Cell Volume – 5ml
4. Working Electrode Area - 1 cm²(standard)
5. Optical window diameter– 20mm

Materials

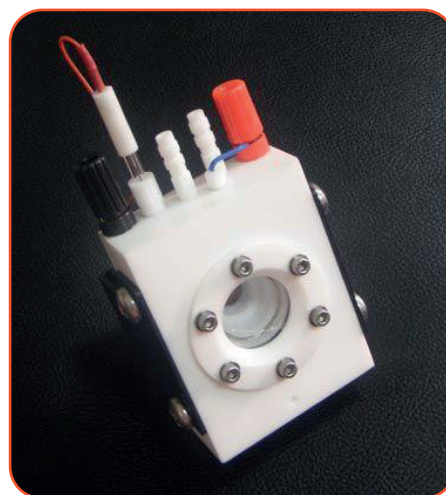
2. Cell body - PTFE
3. Reference Electrode - Ag/AgCl
4. Counter Electrode - Platinum wire
5. Sample Gasket - Teflon



Photoelectric chemical cell Model: K051

Specifications:

- Dimensions
 1. Cell Volume – 5ml
 2. Working Electrode Area – 1 cm²(standard)
- Materials
 1. Cell body - PTFE
 2. Reference Electrode - Ag/AgCl
 3. Counter Electrode - Platinum wire
 4. Sample Gasket - Teflon



Coating Evaluation Cell Model: F011



Specifications:

- Dimensions
 1. Cell Volume – 50ml
 2. Working Electrode Area – $\Phi 42\text{mm}$ (standard)
- Materials
 1. Glass Cylinder - Borosilicate glass
 2. Base Plate – PP
 3. Sealing Gaskets–EPDM O ring
 4. Reference Electrode– Ag/AgCl (R0303)
 5. Counter Electrode–Graphite rod ($\Phi 6$)

Small Coating Evaluation Cell Model: F005



Specifications:

- Dimensions
 1. Cell Volume – 5ml
 2. Working Electrode Area – 1 cm^2 (standard)
- Materials
 1. Glass Cylinder - Borosilicate glass
 2. Base Plate – PMMA
 3. Sealing Gaskets– PTFE
 4. Reference Electrode– Ag/AgCl(R0302)
 5. Counter Electrode–Stainless steel rod($\Phi 2$)

Ex-factory Price:

Corrosion Cell with Five Holes Model: F500



Specifications:

- Dimensions
 1. Cell Volume – 1000ml
 2. Working Electrode Area – 1 cm²(standard)
- Contains parts:
 1. 1000ml Corrosion Flask—1 pc
 2. Reference Electrode Bridge Tube—1pc
 3. Electrode Holder—1 pc
 4. Threaded Adapter for T24/40 Joint—2pcs
 5. Purge Tube—1pc
 6. Reference electrode bridge core—5pcs
 7. Ball & Socket clamp—1pc
 8. SCE—1pc
 9. Graphite Rod Φ6—2pcs
 10. Platinum plate Counter Electrode 10*10*0.1mm—2pcs
 11. Flat Specimen Holder Kit—1pc
 12. Working electrode (Stainless steel)—1pc
 13. Electrode Mounting Rod—1pc
 14. Replacement Teflon Gaskets for Mounting Sample—5pcs
 15. Teflon Gaskets—1pc
 16. Nut—1pc

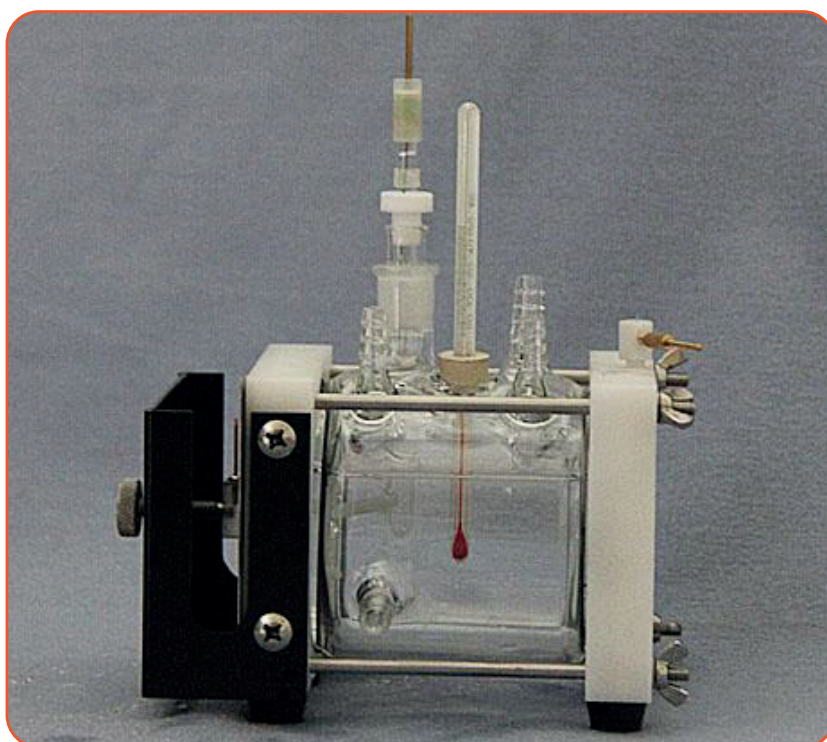
Flat Cell Model: F029



Specifications:

- Dimensions
 1. Cell Volume – 300ml
 2. Working Electrode Area – 1 cm²(standard)
- Characteristics
 1. pH range – 2 to 9
 2. Temperature Limit – 80°C
- Materials
 1. Glass Cylinder - Borosilicate glass
 2. End Plates –Polypropylene
 3. Sealing Gaskets–Viton
 4. Reference Electrode - Ag/AgCl
 5. Counter Electrode - Platinum mesh (2 cm x 2cm)
 6. Sample Gasket - PTFE

Flat Cell with Water Jacket Model: F030



Specifications:

- Dimensions
 1. Cell Volume – 250ml
 2. Working Electrode Area – 1 cm²(standard)
- Characteristics
 1. pH range – 2 to 9
 2. Temperature Limit – 80°C
 3. Water Jacket.
- Materials
 1. Glass Cylinder - Borosilicate glass
 2. End Plates –Polypropylene
 3. Sealing Gaskets–Viton
 4. Reference Electrode - Ag/AgCl
 5. Counter Electrode - Platinum mesh (2 cm x 2cm)
 6. Sample Gasket - PTFE

Double Flat Electrodes Cell



Specifications:

Dimensions:

- 1.Cell Volume –100ml
- 2.Working Electrode Area – 1 cm²(standard)
- 3.The cell dimensions also can be customized by the way of paying extra charges

Description:

- 1.Applicable to electrolysis or electroplating experiment
- 2.Anode and cathode are on sides of the cell
- 3.Reference electrode is not required at the usual time
- 4.Reference electrode which customized can be used by the cell

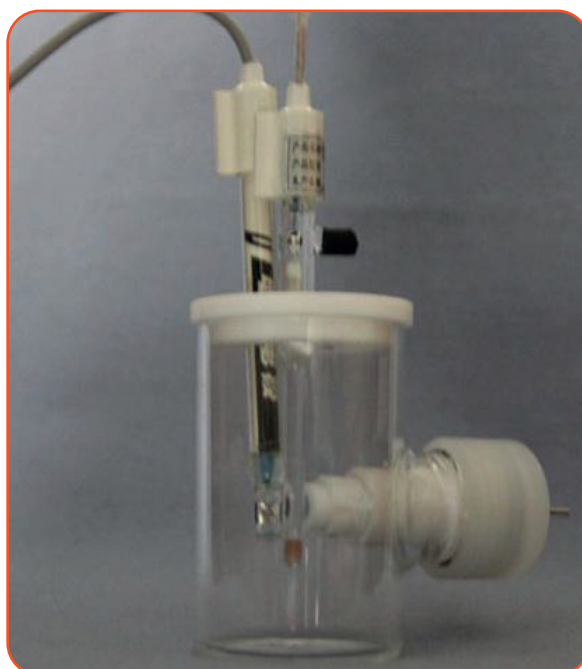
Spectrum electrochemistry cell Model: K003



Specifications:

- Dimensions
 1. Cell Volume – 0.1ml
 2. Out dimension– 12.5(L)*12.5(W)*42(H)
- Materials
 1. Cell body – Quartz.
 2. Reference Electrode - Ag/AgCl.
 3. Counter Electrode - Platinum wire.
 4. Working Electrode – Platinum net.

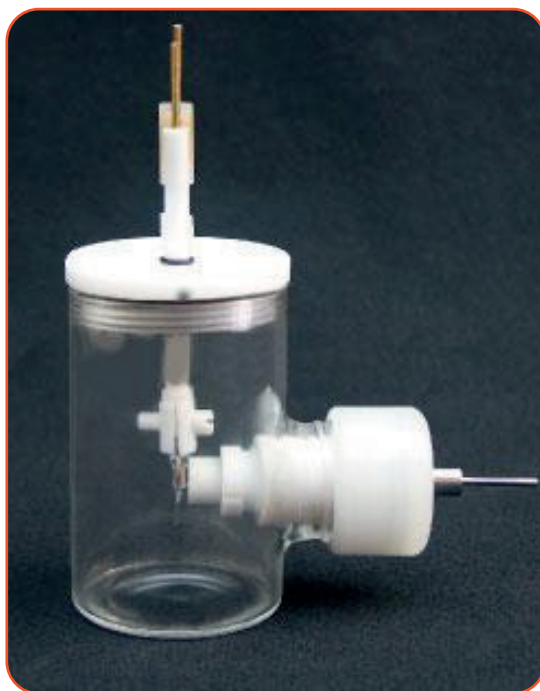
Electrolytic Cell Model: C040



	Capacity(ml)
1	50ml、 100ml
2	150ml、 200ml
3	250ml

NOTE: Before shipment, we will be according to the diameter of the electrodes punch holes on the lid.

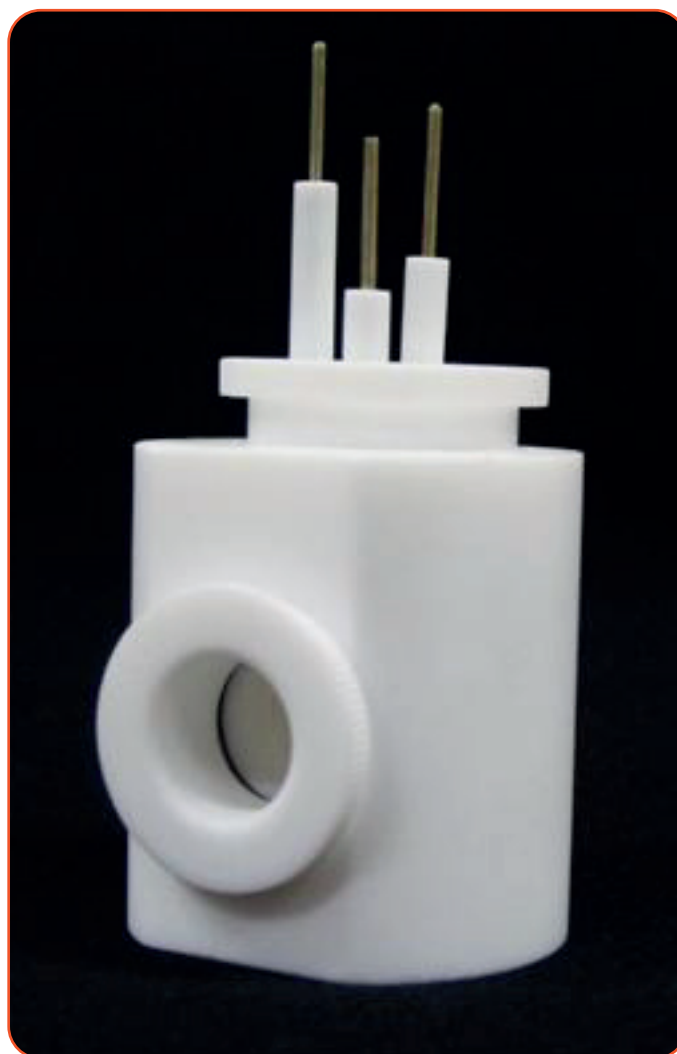
Electrolytic Cell Model: C040-S



	Capacity(ml)
1	50ml, 100ml
2	150ml, 200ml
3	250ml

NOTE: Before shipment, we will be according to the diameter of the electrodes punch holes on the lid.

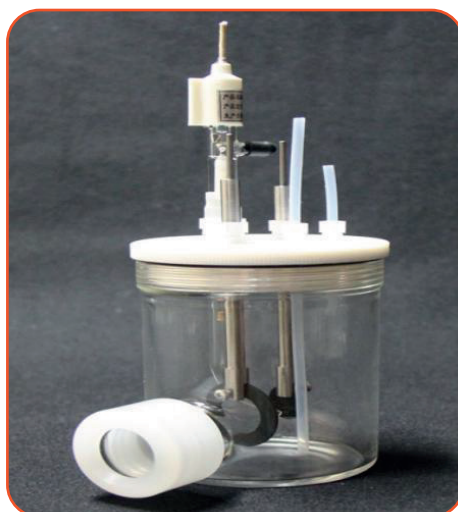
Photoelectric chemical cell Model: K040



	Capacity of each cell (ml)
1	50
2	100
3	150

NOTE: Before shipment, we will be according to the diameter of the electrodes punch holes on the lid.

Photoelectric chemical cell Model: K040-S



	Capacity(ml)
1	50ml, 100ml
2	150ml

NOTE: Before shipment, we will be according to the diameter of the electrodes punch holes on the lid.

Photoelectric chemical cell with water Jacket

Model: K045



	Capacity(ml)
1	50ml, 100ml
2	150ml

NOTE: Before shipment, we will be according to the diameter of the electrodes punch holes on the lid.

Photoelectric chemical cell with water Jacket

Model: K045-S



	Capacity(ml)
1	50ml, 100ml
2	150ml

NOTE: Before shipment, we will be according to the diameter of the electrodes punch holes on the lid.

Temperature control photo-electrochemical reactor

Model: K010 (three ports)



	Capacity(ml)
1	50ml, 100ml
2	150ml

NOTE: Before shipment, we will be according to the diameter of the electrodes punch holes on the lid.

Temperature control photo-electrochemical reactor

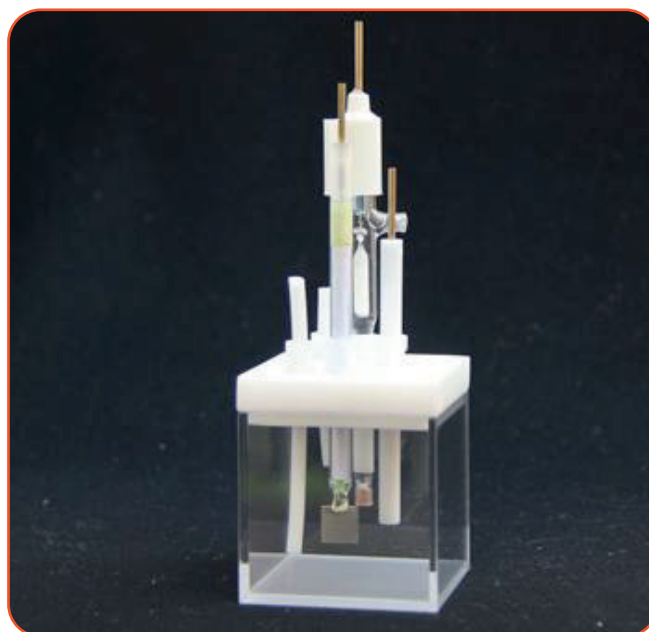
Model: K011 (two ports)



	Capacity(ml)
1	50ml, 100ml
2	150ml

NOTE: Before shipment, we will be according to the diameter of the electrodes punch holes on the lid.

Photo-electric chemical cell Model: K020



	Internal size (mm)
1	35(L)*15(W)*45(H)
2	30(L)*30(W)*30(H)
3	40(L)*40(W)*40(H)
4	30(L)*30(W)*50(H)
5	40(L)*40(W)*50(H)
6	50(L)*50(W)*50(H)

NOTE: Before shipment, we will be according to the diameter of the electrodes punch holes on the lid.

Situ-Raman photo electrochemical Cell Model: K006



Specifications:

- Dimensions
 1. Cell Volume – 10ml
 2. Out Diameter of Cell—62mm
 3. Height of Cell—60mm
- Materials
 1. Cell body - PTFE
 2. Reference Electrode - Ag/AgCl
 3. Counter Electrode - Platinum wire
 4. Working Electrode –Select by the customers.(such as: GC, Pt, Au, etc..)

Battery testing cell Model: E200

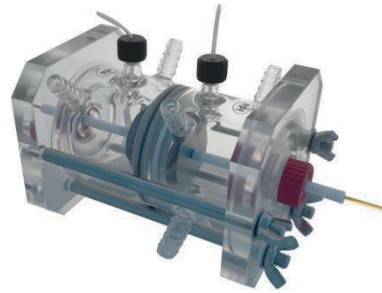


Mainly used for lithium battery testing.

Interchangeable membrane H-type electrolytic cell model CH2015-S (sealed)

Product features: dual pool water bath temperature control, ion membrane between two pools can be quickly replaced, and sealing system		 Without electrodes, electrodes are for reference only
Capacity(ml)		
10ml		
50ml		
100ml		

Interchangeable membrane H-type electrolytic cell model CH2016-S (sealed)

Capacity(ml)		remarks	
100ml		Including 2 fixtures	

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