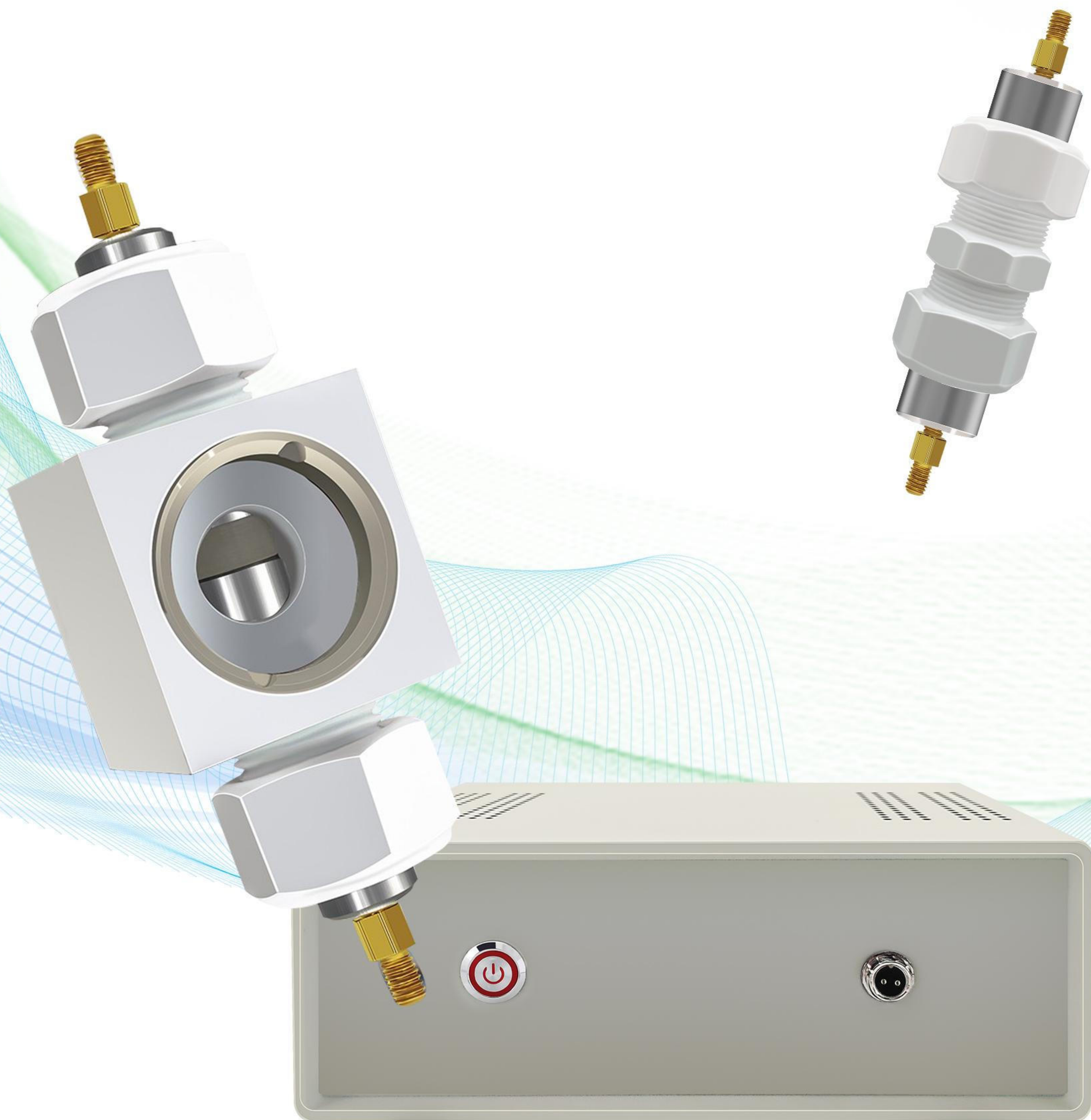


XENERGY

Solid/liquid battery molds/high-purity experimental materials
customized scientific research instruments



- **Customize innovation for the cause of science**
- Contact us

☎ 1 530 433 0971 ✉ sales@xenergy.us



01 Solid-state battery mold series

GT01	.....	GT01 CG Simple version of solid-state battery mold GT01 TC Simple version of solid-state battery mold - Ceramic type
GT02	.....	GT02 CG Standard version of solid-state battery mold GT02 TC Solid-state battery mold Standard Edition - Ceramic type GT02 TQ Solid-state battery mold Standard Edition - Ventilated type
GT03 CG	.....	Solid-state batteries have a voltage-stabilizing plate
GT04 CG	.....	Solid-state three-electrode mold
GT05 CG	.....	Square battery test mold
GT07 CG	.....	Monochrome X-ray testing mold
GT08 CG	.....	Microscopic test mold
GT11 CG	.....	Simple soft-pack battery mold
GT06 CG	.....	Raman test mold
GT16 CG	.....	Single-stud Raman die
GT17CG	.....	End face Raman testing mold
NK01 CG	.....	Button battery case CR2032
NK02 DK	.....	Perforated button battery case
YP01 CG	.....	Circular tablet pressing die
YP03 CG	.....	Circular tablet pressing die
KQ01 CG	.....	Air battery mold
KQ02 CG	.....	Zinc-air battery mold

02 Airtight bottle series

QM01 GT	.....	Solid-state battery airtight bottle
QM02 GT	.....	Button battery airtight bottle
QM03 GT	.....	Vacuum battery test bottle
QM04 CG	.....	Customized transparent airtight battery box
QM05 CG	.....	Stainless steel battery airtight tank
QM06 CG	.....	Stainless steel battery airtight tank

03 Liquid battery mold series

YT01	.....	YT01 CG Swagelok dual-electrode YT01 TH Swagelok double-electrode Spring version
YT02 CG	.....	Swagelok three-electrode
YT08 CG	.....	Swagelok battery molds
YT07 CG	.....	Swagelok air battery
YT04 CG	.....	Electrolyte film battery
YT05 CG	.....	Swagelok battery mold with dual electrolyte
YT06 CG	.....	Liquid battery mold
YT09 CG	.....	Dendrite in-situ observation mold

04 Solid electrolyte powder series

DJZ01 WXW	.....	Sulfur/halide electrolytes
DJZ01 ZWY	.....	Solid electrolyte powders, etc
DJZ01 HB	.....	Solid electrolyte powders, etc

05 Flow mold series

YL01 CG	.....	Flow battery mold
YL02 CG	.....	Square flow battery mold
YL03 CG	.....	Flow battery mold
YL04 CG	.....	In-situ observation mold for heated liquid flow

06 Series of experimental instruments

YLCS	.....	Pressure testing system
WDO1	.....	Temperature testing system
CL01	.....	Four-channel magnetic stirrer

07 Customized series of experimental instruments

FB01-FB11 : Experimental equipment can be designed according to the experimental requirements as needed

01

SOLID-STATE BATTERY MOLD

Solid-state battery

The lithium-ion conductivity of solid electrolyte materials can be measured by compacting the solid electrolyte material between the two working electrodes.

When conducting linear scanning voltammetry (LSV) tests, the electrolyte membrane is sandwiched between the working electrode and the lithium metal foil, which serves as both the counting and reference electrodes

● GTO1 CG - Simple version of solid-state battery mold

✓ [It can be customized and modified as required, and the frame can be raised for free]

- **Sleeve diameter** :50mm
- **Assembly height** :65mm
- **Inner diameter range** :6mm-20mm
- **Product materials**: Stainless steel, peek, No. 4 steel
- **Working pressure** :≤500 MPa

- ▶ **Compressive strength**
- ▶ **Mild hypertrophy**
- ▶ **Insulating property**
- ▶ **Stability**



● GTO1 TC - Simple version of solid-state battery mold - Ceramic type

✓ [It can be customized and modified as required, and the frame can be raised for free]

- **Sleeve diameter** :50mm
- **Assembly height**:65mm
- **Inner diameter range** :10mm
- **Product materials**: Stainless steel, PA, special steel, ceramic



GT02 CG - Standard version of solid-state battery mold

✓ [It can be customized and modified as required, and the frame can be raised for free]

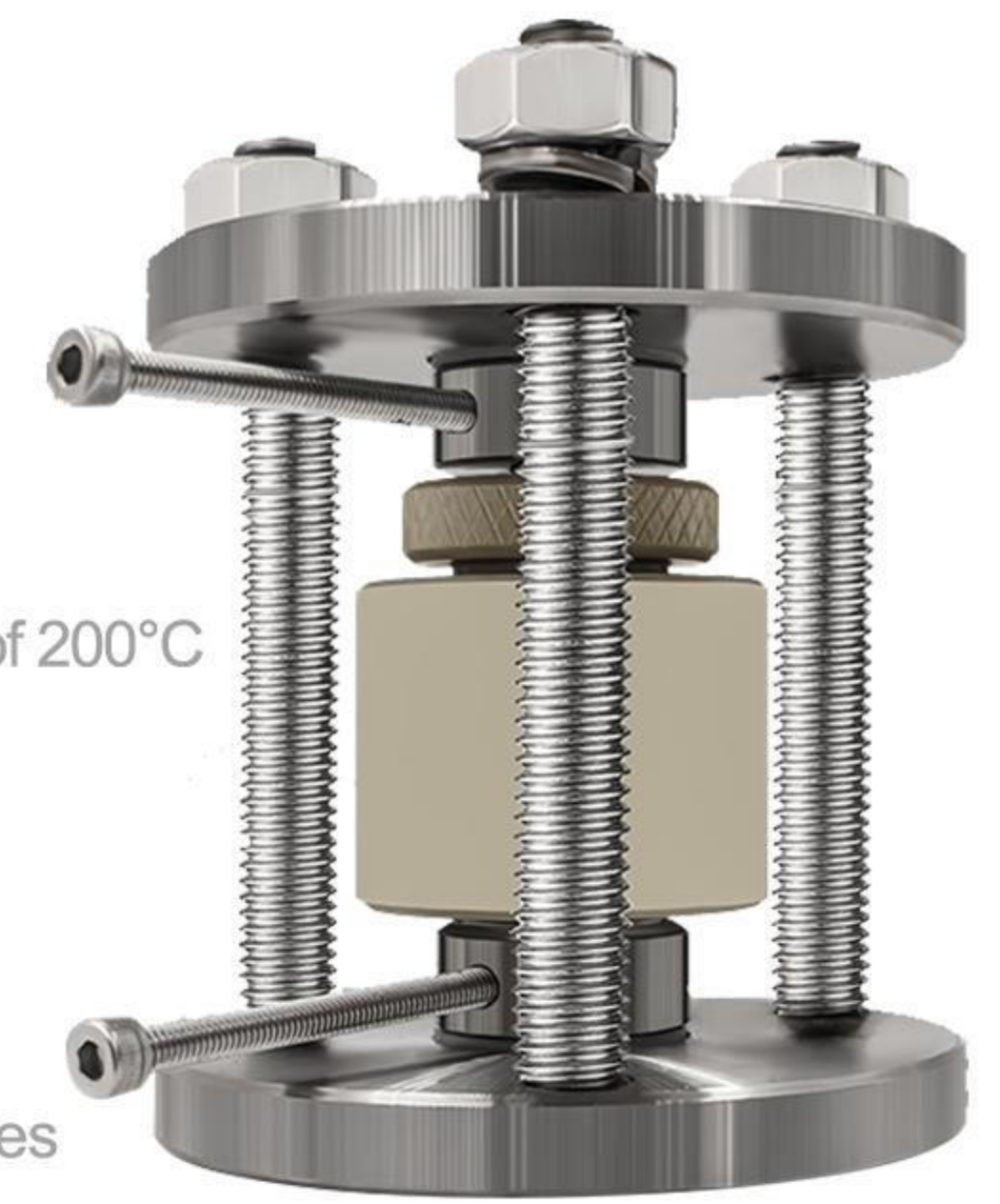
- Sleeve diameter :40mm
- Assembly height :100mm
- Inner diameter range :6mm-20mm
- Product materials: Stainless steel, peek, No. 4 steel
- Working pressure :≤500 MPa

200°C

Withstand a high temperature of 200°C



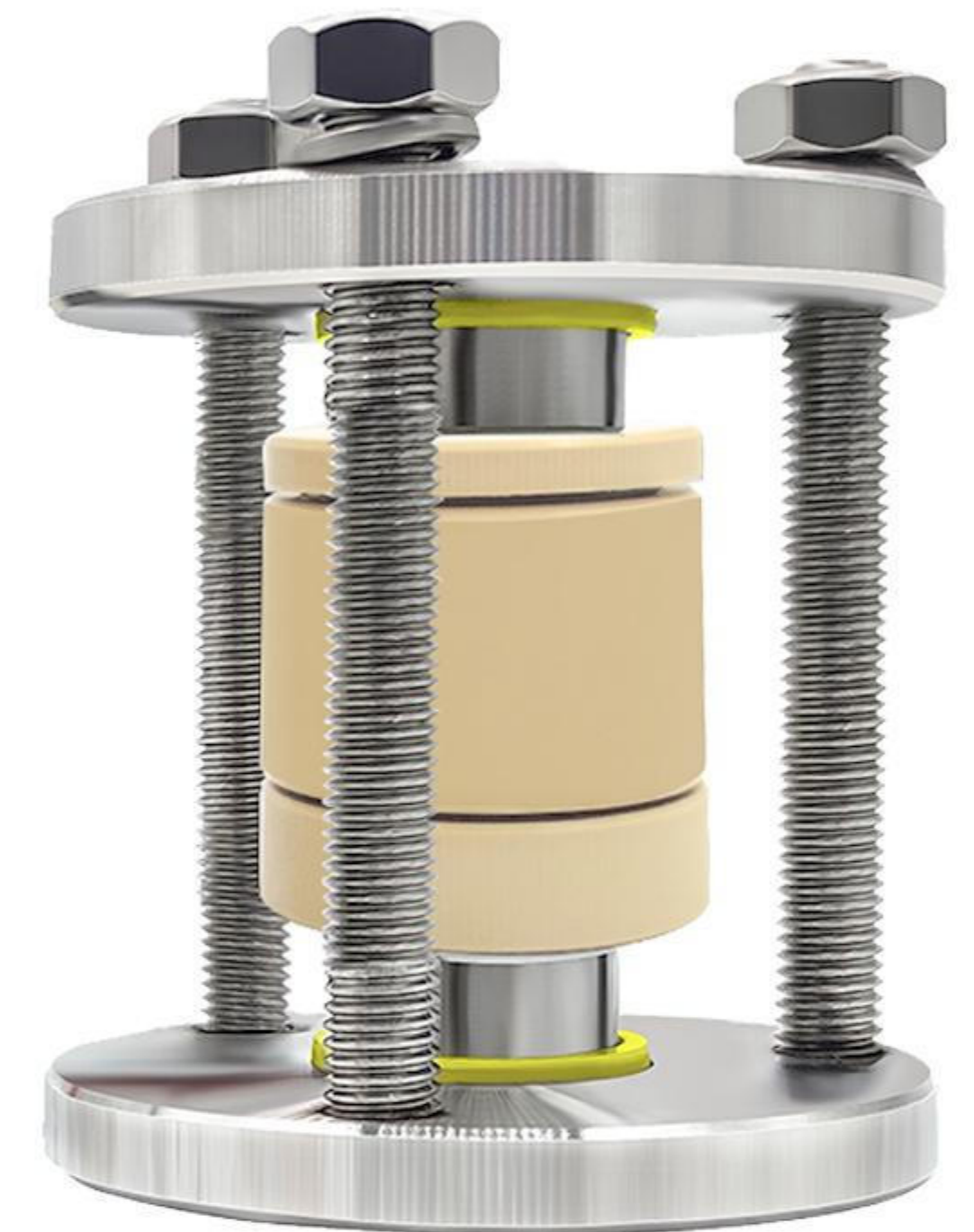
Stable chemical properties



GT02 TC - Standard ceramic version of solid-state battery mold

✓ [It can be customized and modified as required, and the frame can be raised for free]

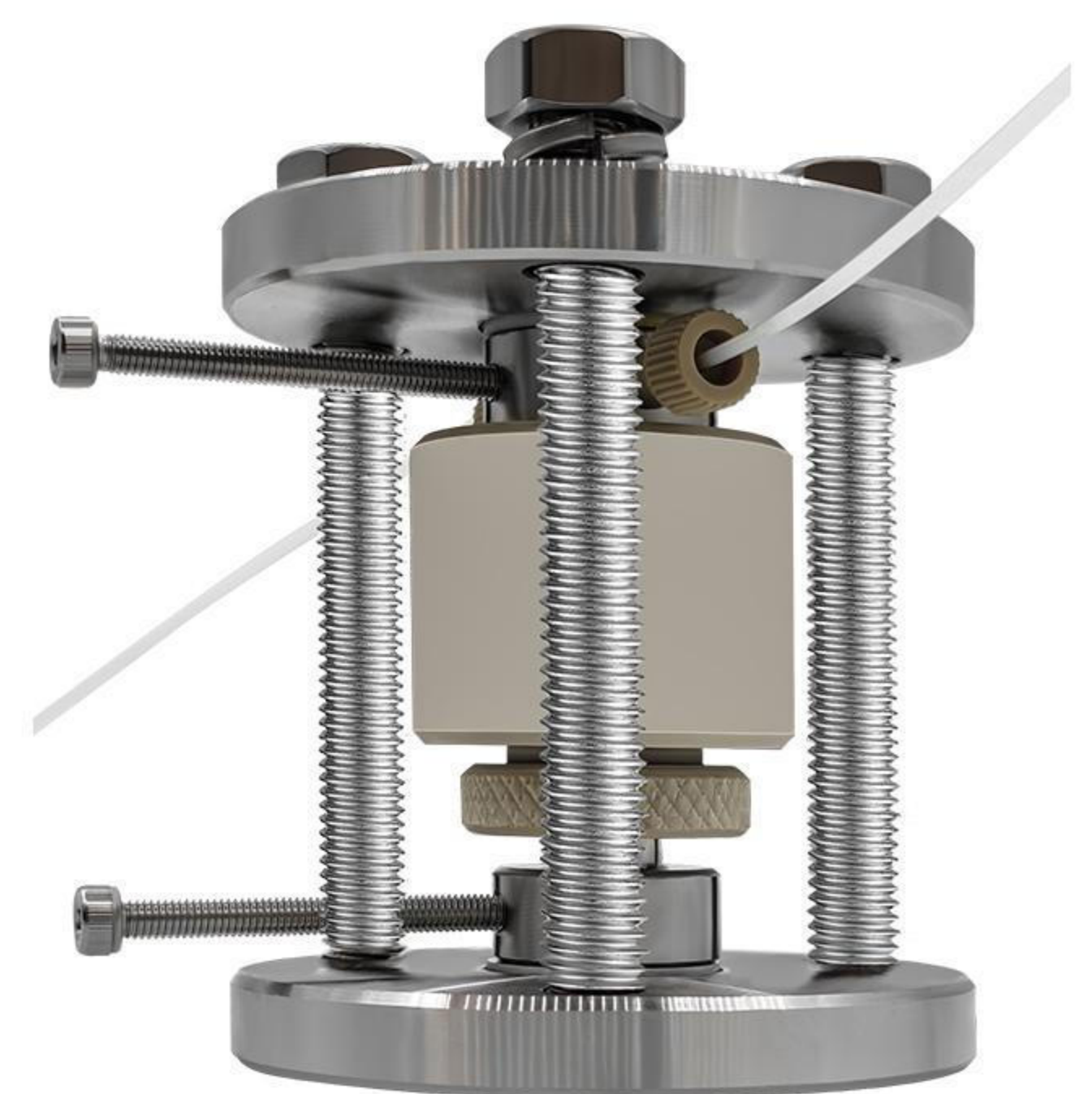
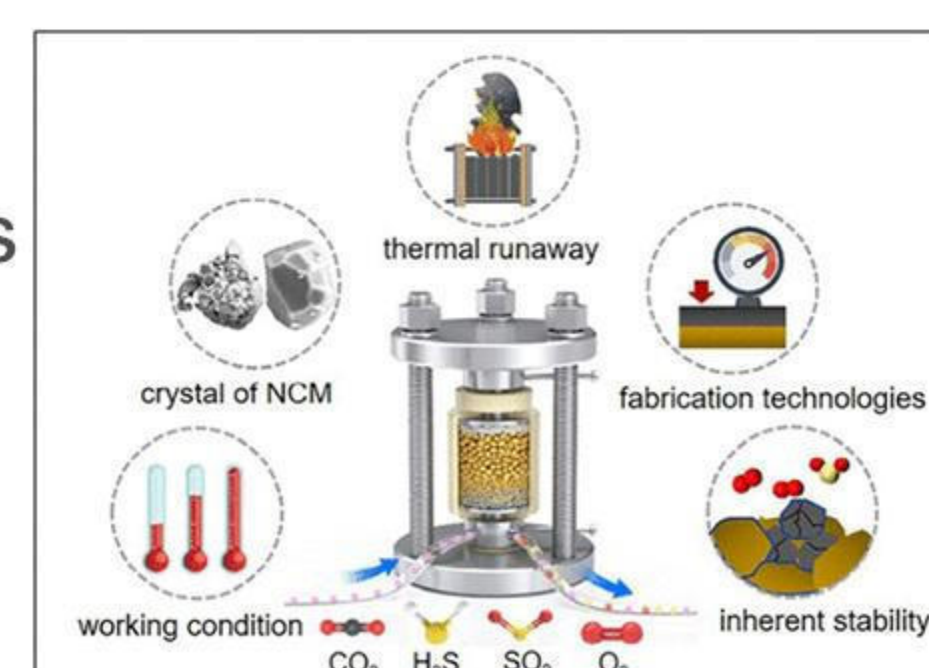
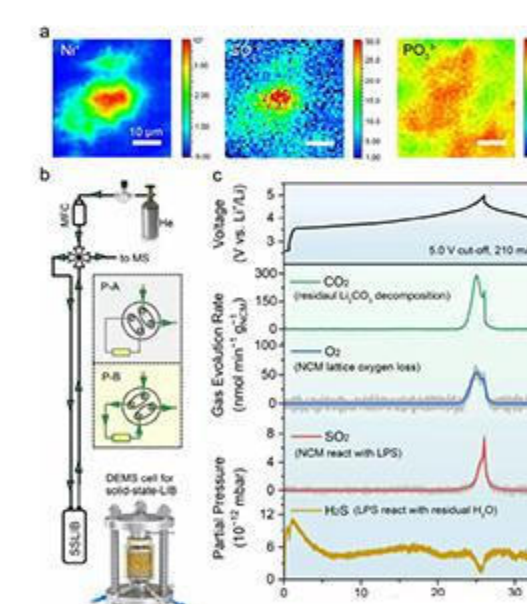
- Sleeve diameter :40mm
- Assembly height :100mm
- Inner diameter range :10mm
- Product materials: Stainless steel, PEEK, No. 4 steel, ceramic
- Working pressure :≤500 MPa



GT02 TQ -Solid-state battery mold ventilation version

✓ [It can be customized and modified as required, and the frame can be raised for free]

- Inner diameter size :φ10-20mm(The ceramic version is only φ10mm)
- Product size :80x100mm
- Product materials: Stainless steel, special steel, Peek
- Working pressure :≤800MPa
- Working conditions: Use under normal temperature conditions

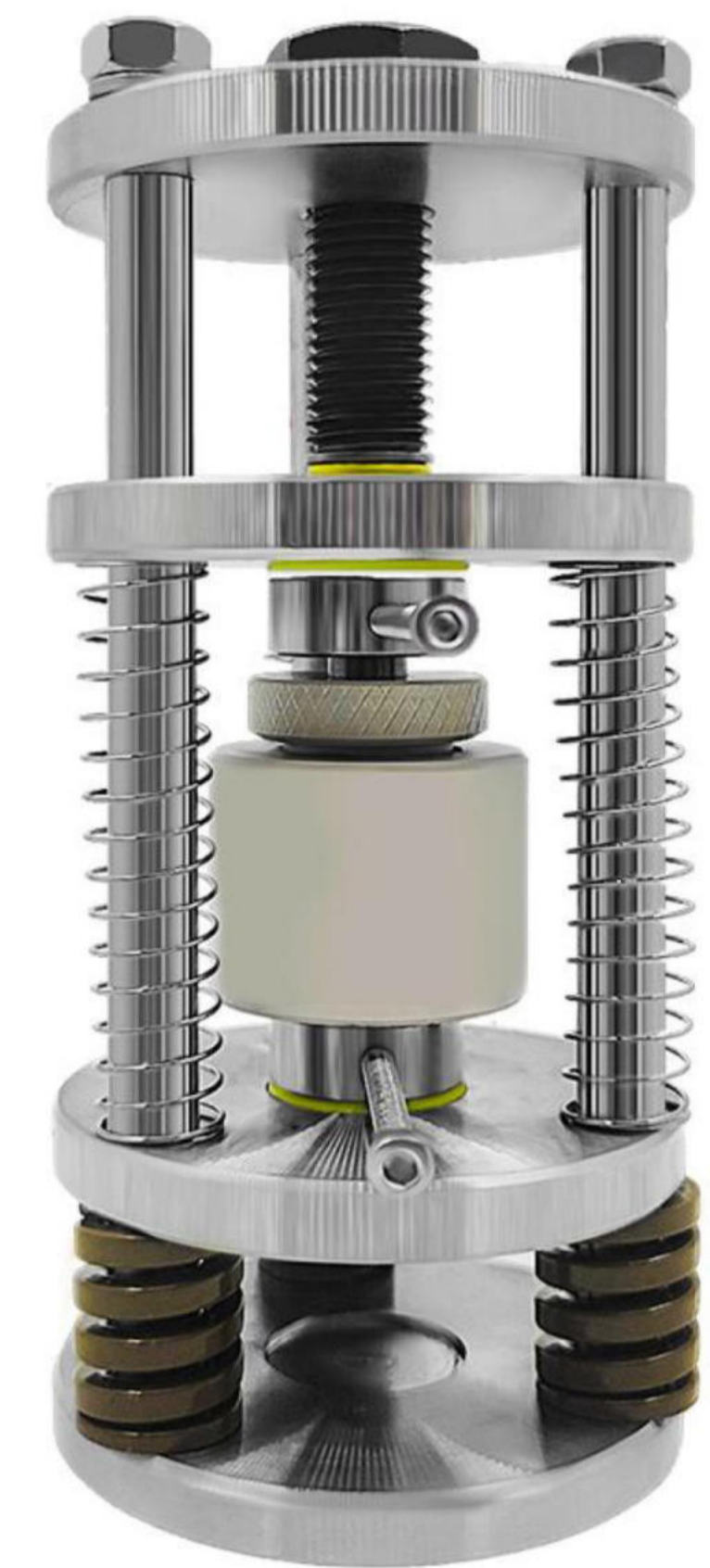


● Ventilation version

GT03 CG - Solid-state battery mold voltage stabilizing plate

✓ [Can be customized and modified as required]

- Sleeve diameter :40mm
- Assembly height :200mm
- Inner diameter range :6-20mm (commonly 10/12mm)
- Product materials: Stainless steel, PEEK, special steel
- Operating temperature : $\leq 250^{\circ}\text{C}$
- Working pressure :800MPa



GT04 CG - Solid-state three-electrode mold

✓ [Can be customized and modified as required]

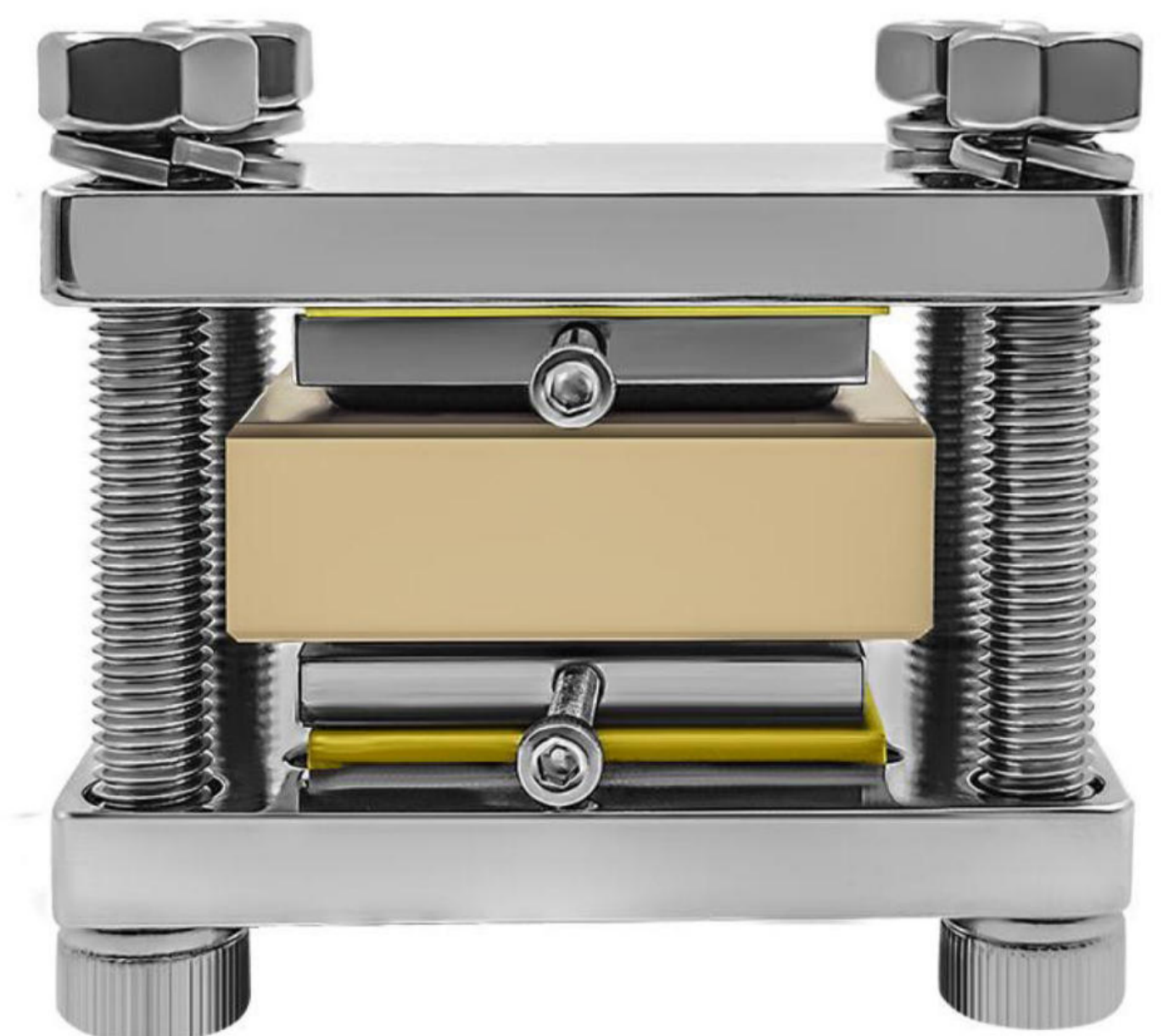
- Sleeve diameter :40mm
- Assembly height :65mm
- Minimum inner diameter :4mm (adjustable)
- Product materials: Stainless steel, peek, No. 4 steel
- Product set: Three-electrode mold, airtight bottle, electrode column
- Working pressure : ≤ 500 MPa



GT05 CG - Square battery test mold

✓ [Can be customized and modified as required]

- Operating temperature : $\leq 250^{\circ}\text{C}$
- Assembly height :75mm
- Bonding area :30x40mm
- Product material: Stainless steel, PEEK
- Working pressure : ≤ 500 MPa



● Electrode polishing

GT07 CG - Monochrome X-ray testing mold

✔ [Can be customized and modified as required]

- **Sleeve diameter** :20mm
- **Assembly height** :60mm
- **Inner diameter range** :1-6mm
- **Product material:** Stainless steel, PEEK



GT08 CG - Microscopic test mold

✔ [Can be customized and modified as required]

- **PEEK sleeve diameter** :40mm
- **Assembly height** :100mm
- **Adjustable inner diameter range** :6mm-20mm
- **Material:** Stainless steel, peek, No. 4 steel
- **Maximum working pressure** :500 MPa



GT11 CG - Simple soft-pack battery mold

✔ [Can be customized and modified as required]

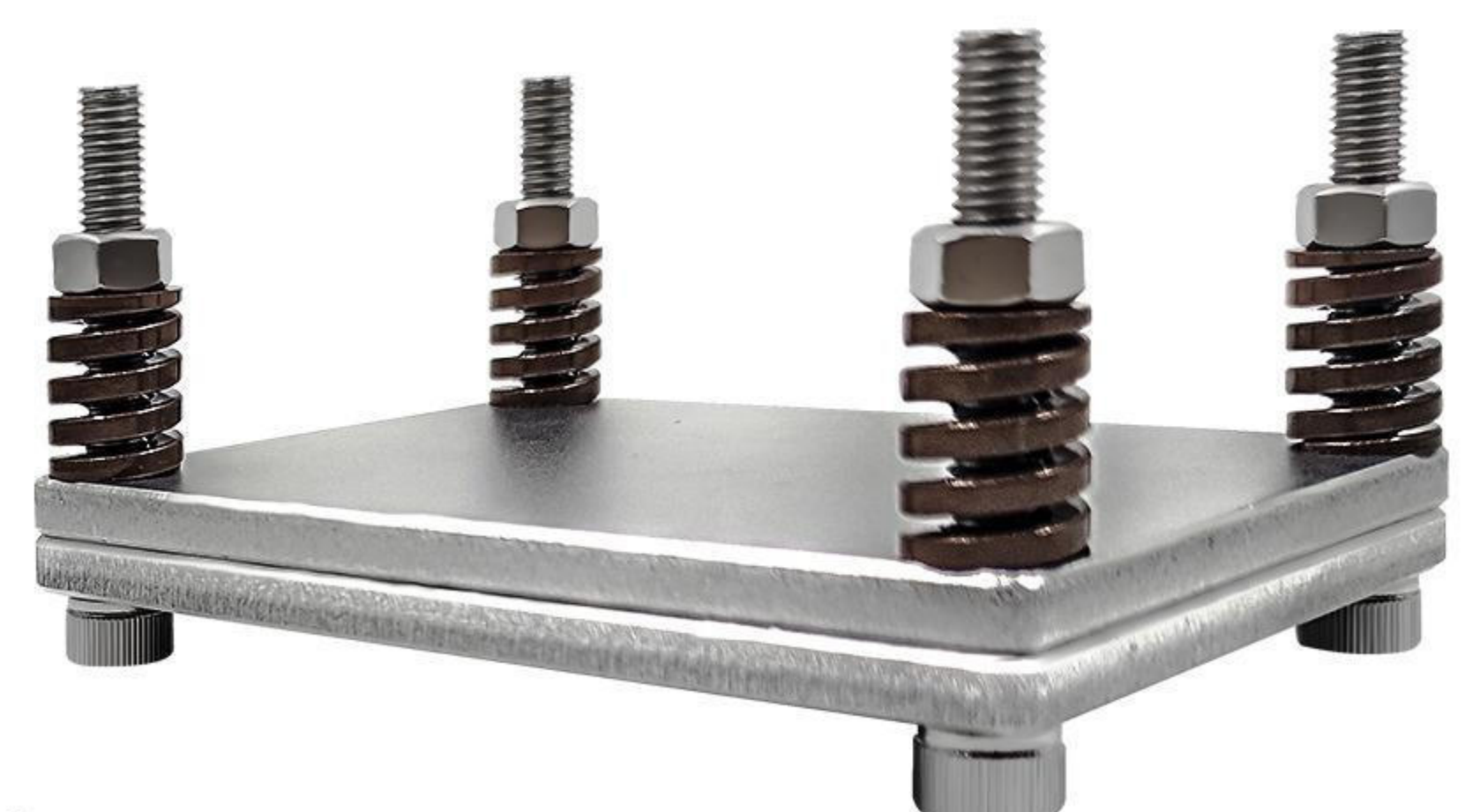
- **Mold spring** :40mm
- **Assembly height** :70mm
- **Size range** :80x80mm-200x200mm (adjustable)
- **Product material:** Stainless steel, aluminum alloy
- **Working pressure** :≤50 MPa



Corrosion resistance



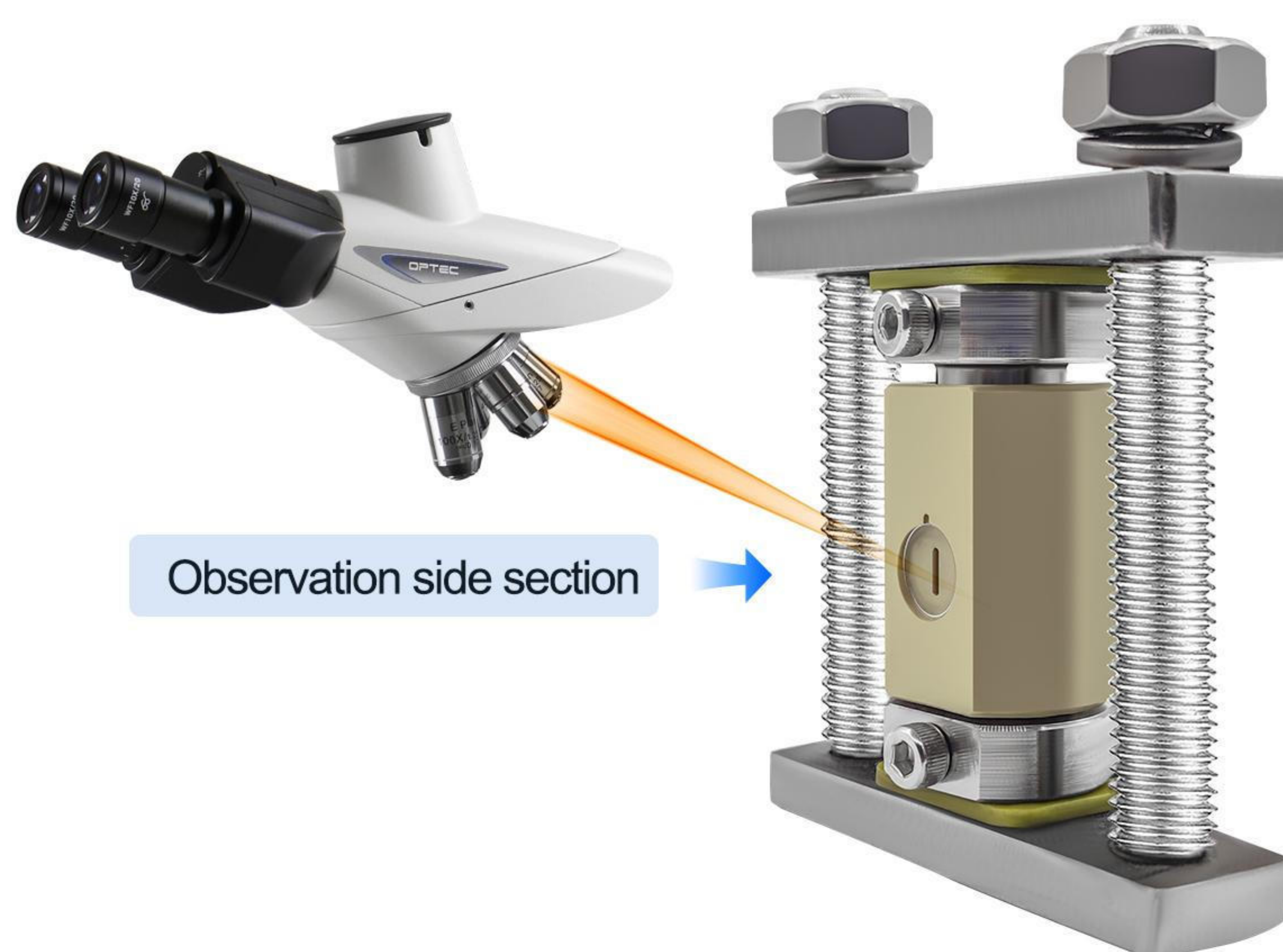
Good electrical conductivity



GT06 CG - Raman test mold

✓ [Can be customized and modified as required]

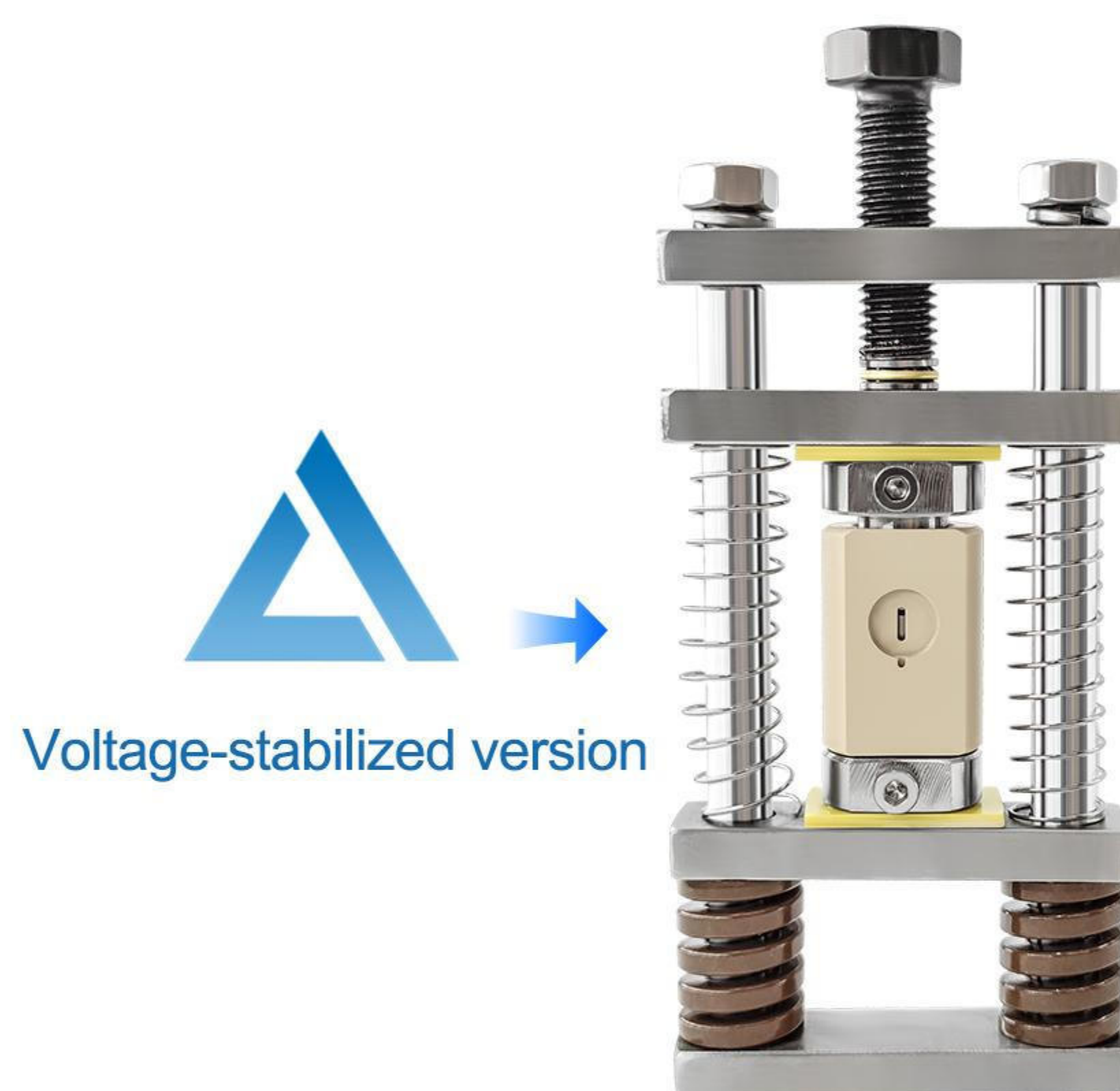
- Sleeve diameter :25mm
- Assembly height :90mm
- Inner diameter range :6-20mm (adjustable)
- Product materials: Stainless steel, peek, special steel
- Working pressure :≤500 MPa



GT17 CG -Single-stud Raman die

✓ [Can be customized and modified as required]

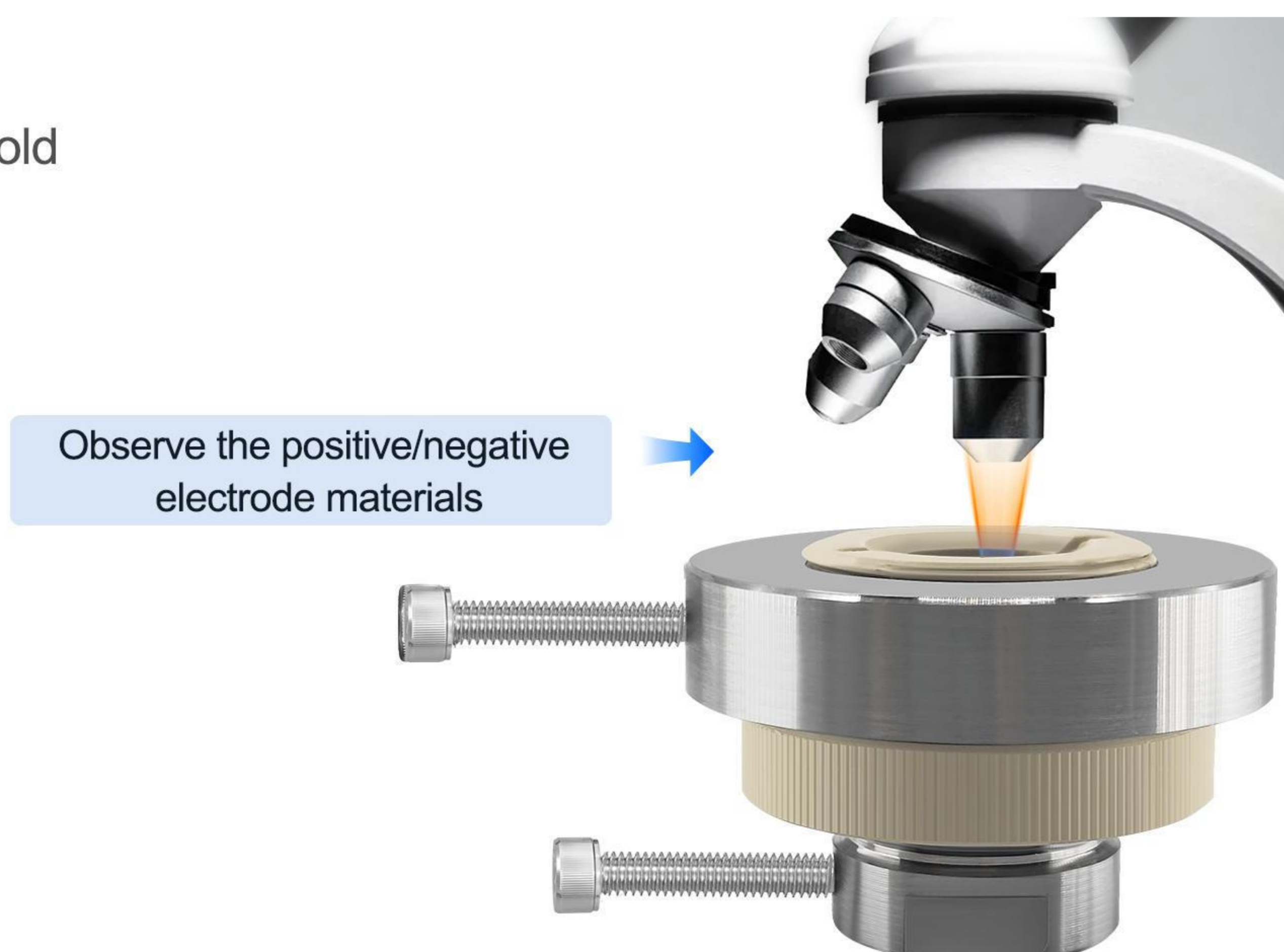
- Inner diameter size :φ6-10mm (customizable)
- Window panel material: Quartz
- Product Version: Voltage stabilizing version
- Product material: Stainless steel, PEEK
- Usage conditions: Use at room temperature



GT16 CG - End face Raman testing mold

✓ [Can be customized and modified as required]

- Inner diameter range :φ6-10mm (customizable)
- Window panel material: Quartz
- Adjustable inner diameter range :1-6mm
- Material: Stainless steel, PEEK



NK01 CG - Button battery case CR2032

✔ [Multiple specifications]

- **Product material** :304 stainless steel
- **Product diameter** :20mm
- **Product thickness** :3.2mm
- **Product planning**: Positive electrode shell, spring pad, spring piece, negative electrode shell



NK02 DK - Perforated button battery case

✔ [Can be customized and modified as required]

■ **Opening 2mm**

- **Product material** :304 stainless steel
- **Product diameter** :20mm
- **Product thickness** :3.2mm



Button battery housing - Made of stainless steel, it has stable chemical properties, good electrical conductivity, and stable electrochemical performance, making it a quality choice.

YPO1 CG - Circular tablet pressing die

✔ [Can be customized and modified as required]

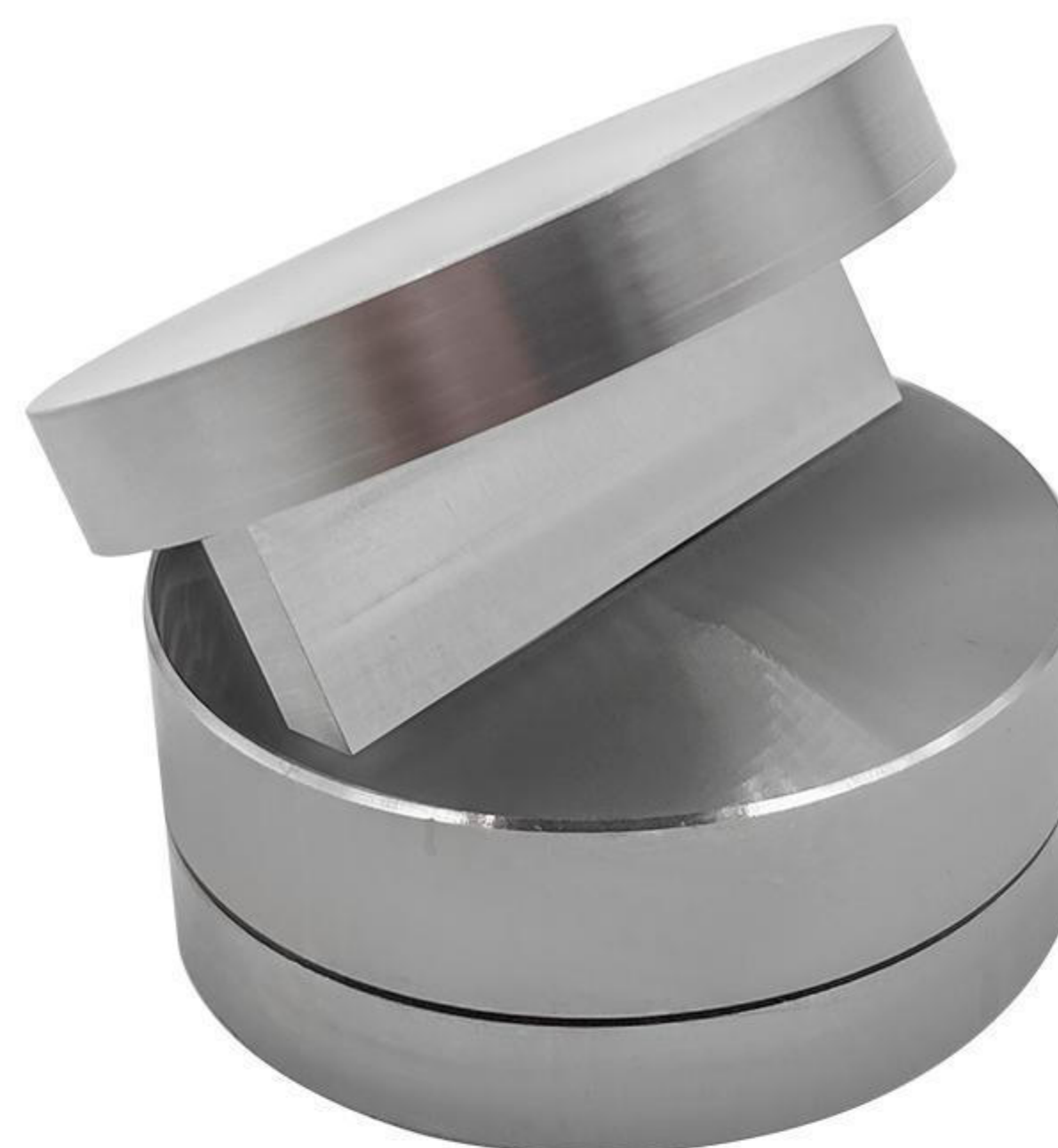
- **Product material**: Stainless steel
- **Product dimensions** :10mm, 20mm
- **Usage conditions**: Use under normal temperature conditions



YPO3 CG - Square tablet press die

✔ [Can be customized and modified as required]

- **Head size** :45x4mm (customizable)
- **Product size** :50x40mm
- **Product material** :304 stainless steel, PA



KQ01 CG - Air battery mold

✔ [Can be customized and modified as required]

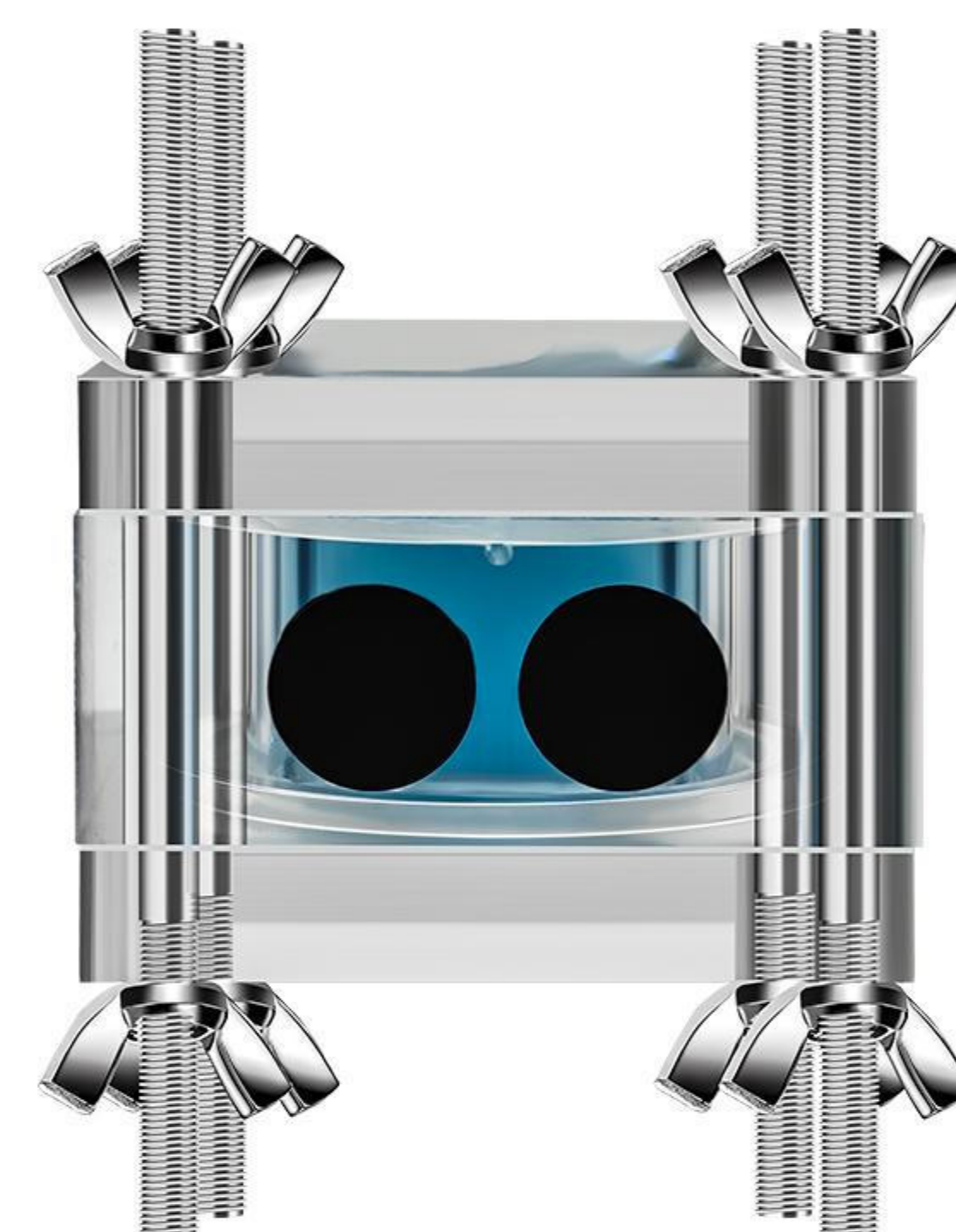
- **Product material** :PMMA, stainless steel
- **Assembly height** :90mm
- **Product size** :60x42mm
- **Working pressure** :0MPa
- **Usage conditions**: Use under normal temperature conditions



Silicone seal



High transparency and observability



KQ02 CG - Zinc-air battery mold

✔ [Can be customized and modified as required]

- **Product material** :PMMA, stainless steel
- **Assembly height** :80mm
- **Product size** :50x50mm
- **Inner circle size**: $\phi 10$ - $\phi 35$ (customizable)
- **Working pressure** :0MPa
- **Usage conditions**: Use under normal temperature conditions



● QM01 GT - Solid-state battery airtight bottle

02





Airtight bottle series

The uses of airtight bottles

Airtight bottles are indispensable tools in the fundamental research of solid-state batteries. They ensure the accuracy, repeatability and safety of experiments by providing a controllable, sealed and pressure-applicable environment.



Specification

Specification	Bottle No. 1	Bottle No. 2	Bottle No.3	Bottle No. 4
Capacity	 250ml	 500ml	 550ml	 1000ml
Bottle mouth diameter	65mm	65mm	99mm	99mm
Height	110mm	150mm	99mm	165mm
Diameter of the bottle body	100mm	100mm	110mm	110mm

Product Information

✔ [Can be customized and modified as required]

- **Product material:** High borosilicate glass, PP
- **Bottle body temperature resistance** : $\leq 121^{\circ}\text{C}$
- **Wiring styles:** Battery holder, alligator clip, blue electric clip, banana head (customizable)



Blue electric clip



Crocodile clip



Battery holder

● QM02 GT - Button battery airtight bottle

✓ [Can be customized and modified as required]

- **Product material:** High borosilicate glass, PP
- **Bottle body temperature resistance :** ≤121°C
- **Wiring style:** Battery socket

	Bottle No. 1	Bottle No. 2	Bottle No. 3	Bottle No. 4
Specification	 250ml	 500ml	 550ml	 1000ml
Bottle mouth diameter	65mm	65mm	99mm	99mm
Height	110mm	150mm	99mm	165mm
Diameter of the bottle body	100mm	100mm	110mm	110mm

120°C

Withstand a high temperature of 120°C



Stable chemical properties



● QM03 CG - Vacuum battery test bottle

✓ [Can be customized and modified as required]

- **Product material :** PMMA
- **Product dimensions:** Inner φ100mm, outer φ120mm
- **Bottle height :** 180mm
- **Usage conditions:** Use under normal temperature conditions

Regular style	Enhanced version
Positive pressure: 0.1MPa	Positive pressure: 0.1MPa. Negative pressure: ≤0.2MPa
*The bottle connection wire can be replaced as needed	



● Enhanced version

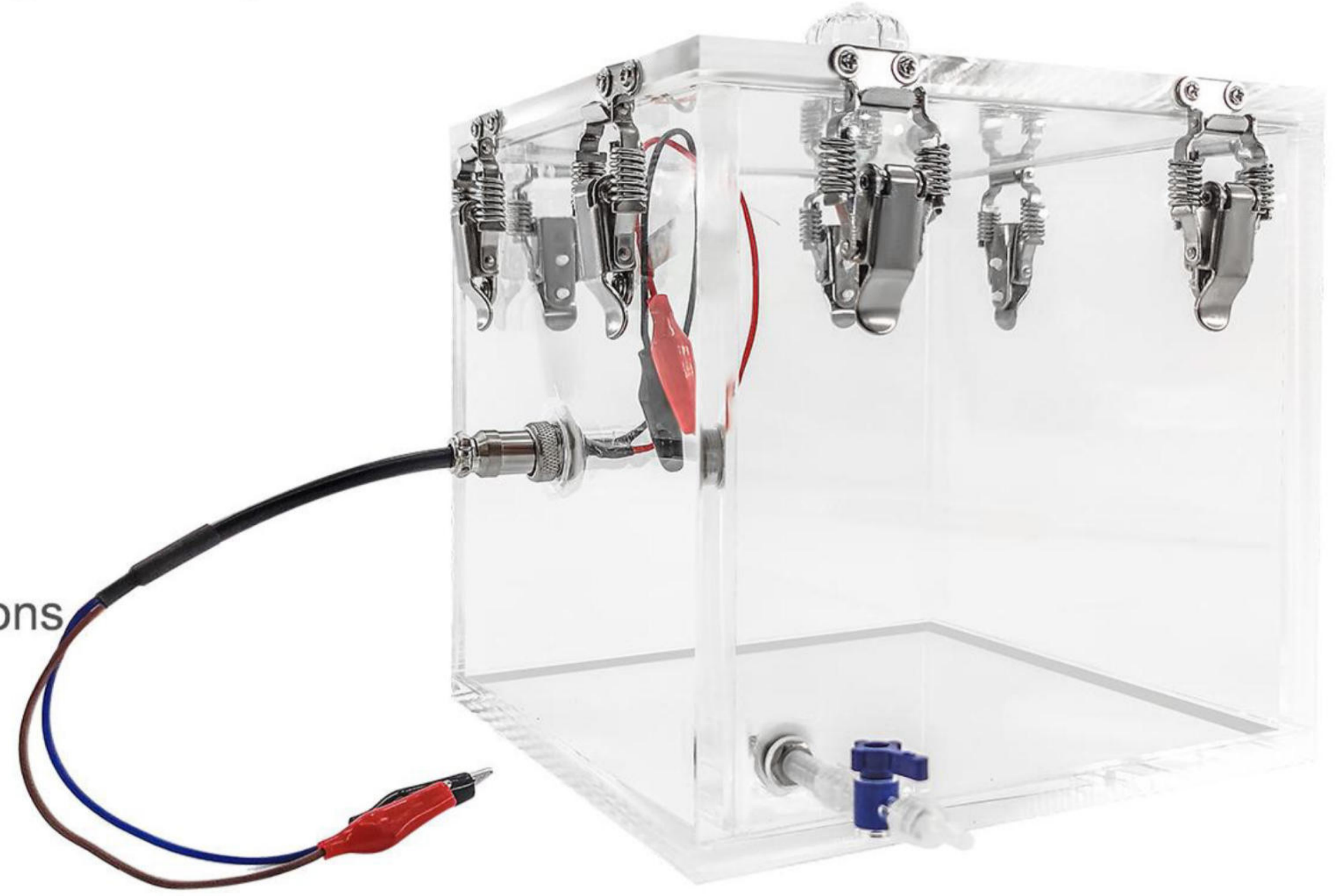


● Regular style

QM04 CG - Customized transparent airtight battery box

✔ [Can be customized and modified as required]

- **Product material** :PMMA, stainless steel
- **Product size** :200x200mm
- **Product height** :200mm
- **Wiring style**: Alligator clip (can be replaced as needed)
- **Usage conditions**: Use under normal temperature conditions



QM05 CG - Stainless steel battery airtight tank

✔ [Can be customized and modified as required]

- **Product material**: Stainless steel
- **Product dimensions**: Inner ϕ 65mm, outer ϕ 70mm (customizable)
- **Wiring styles**: Battery holder, alligator clip, blue electric clip, banana head (customizable)
- **Bottle height** :80mm
- **Bottle temperature resistance** : $\leq 150^{\circ}\text{C}$



QM06 CG - High-voltage battery tank

✔ [Can be customized and modified as required]

- **Product material** :PEEK, stainless steel
- **Product dimensions**: Inner ϕ 20mm, outer ϕ 80mm
- **Working characteristics**: Positive pressure 0.1Mpa
- **Bottle height** :180mm
- **Usage conditions**: Use under normal temperature conditions



03

Liquid battery mold

- **Battery production**

It is used to manufacture key components such as electrodes and separators for liquid batteries, ensuring the accuracy of their dimensions and shapes.

- **Material research and development**

In the development of new battery materials, molds are used to test the performance of different materials and help optimize battery design.

- **Quality Control**

Battery components produced through molds have a high degree of consistency, ensuring stable battery performance and enhancing overall quality.

- **Experimental production**

It is suitable for laboratories and small-scale production, facilitating the rapid verification of new designs or processes.

● YT01 - Swagelok dual-electrode

✔ [Can be customized and modified as required]

Product material	PTFE, copper
Work pressure	10MPa
Assembly height	99mm
Conditions of use	≤200°C
Inner diameter dimension	10-20mm
Motor material	Titanium alloy, pure titanium, high-purity molybdenum



● YT01 TH

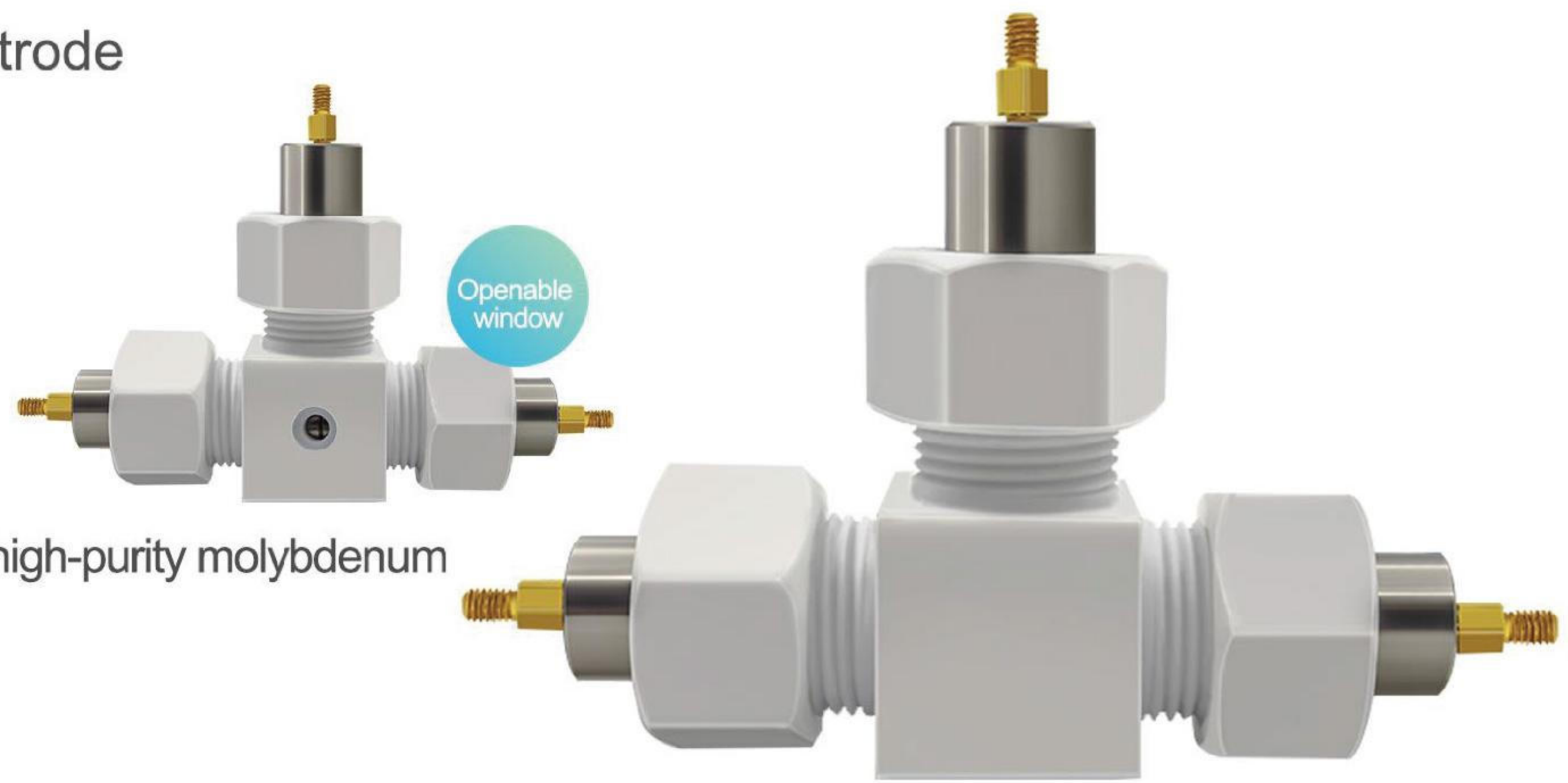


● YT01 CG

● YT02 CG - Swagelok three-electrode

✔ [Can be customized and modified as required]

- **Sleeve diameter** :PTFE, copper
- **Assembly height** :170mm
- **Inner diameter range** :10mm-20mm
- **Electrode materials**: titanium alloy, pure titanium, high-purity molybdenum
- **Working pressure** :10 MPa
- **Operating conditions** :≤200℃



● YT08 CG - Swagelok battery molds

✔ [Can be customized and modified as required]

- **Electrode diameter** :φ10-20mm, reference φ6mm
- **Product material** :PTFE, copper
- **Electrode material**: Titanium alloy, pure titanium, high-purity molybdenum
- **Operating conditions** :≤200℃
- **Working pressure** :50 MPa

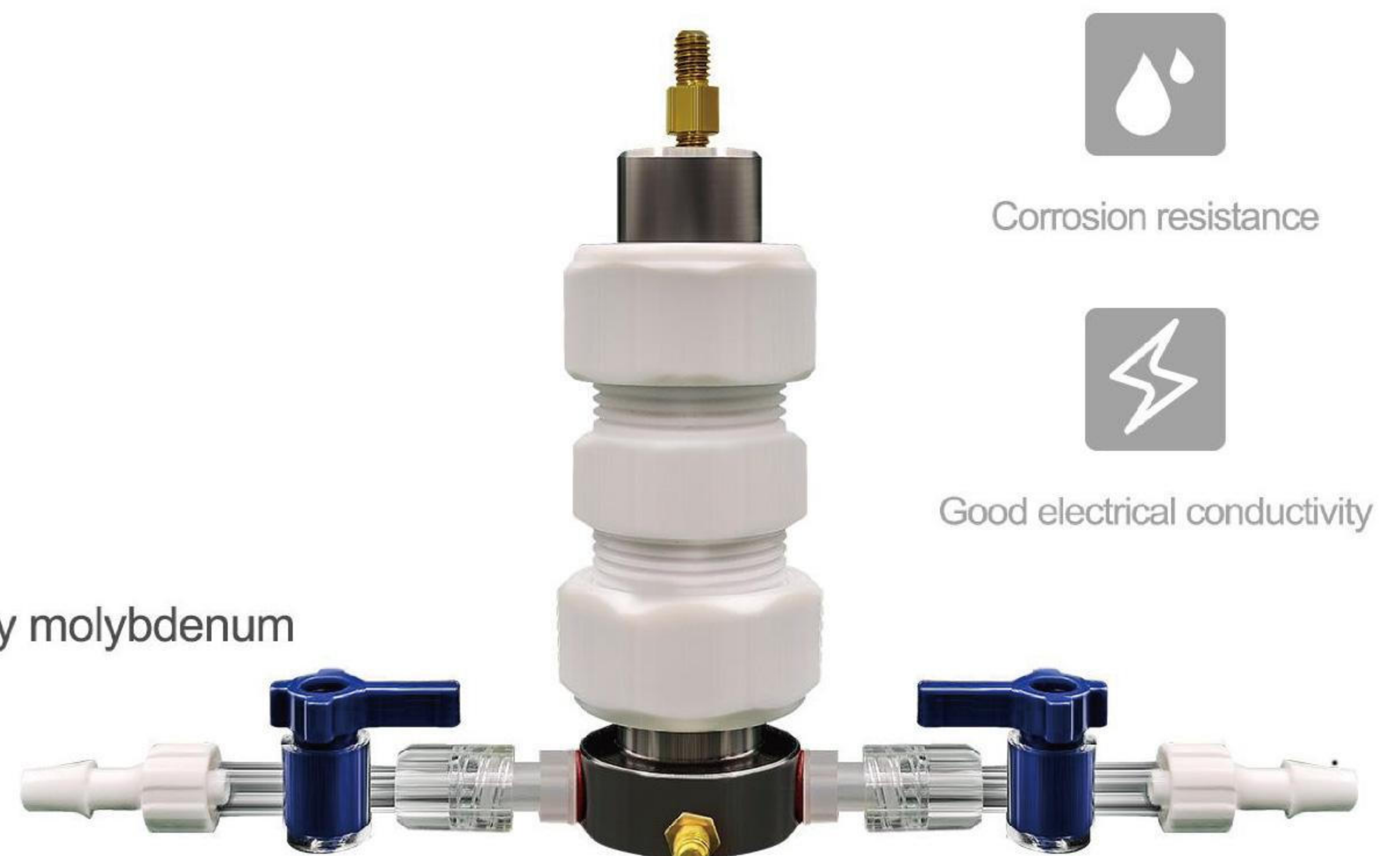


■ The reference electrode design of YT02 CG is more convenient for placing the diaphragm compared to the silver chloride reference electrode style of YT08 CG

● YT07 CG - Swagelok air battery

✔ [Can be customized and modified as required]

- **Pore diameter** :φ2mm
- **Working pressure** :10MPa
- **Product materials** :PTFE, copper
- **Inner diameter range** :φ10-20mm
- **Electrode material**: Titanium alloy, pure titanium, high-purity molybdenum



Customized research

Liquid battery molds are mainly used in experiments for material testing, prototype making, performance evaluation, process validation, safety testing and customized research, helping researchers to conduct battery development and optimization efficiently and accurately.

● YT04 CG

Electrolyte film battery

[Can be customized and modified as required]



● YT06 CG

Liquid battery mold

[Can be customized and modified as required]



● YT05 CG

Swagelok battery mold with dual electrolyte

[Can be customized and modified as required]



Corrosion resistance

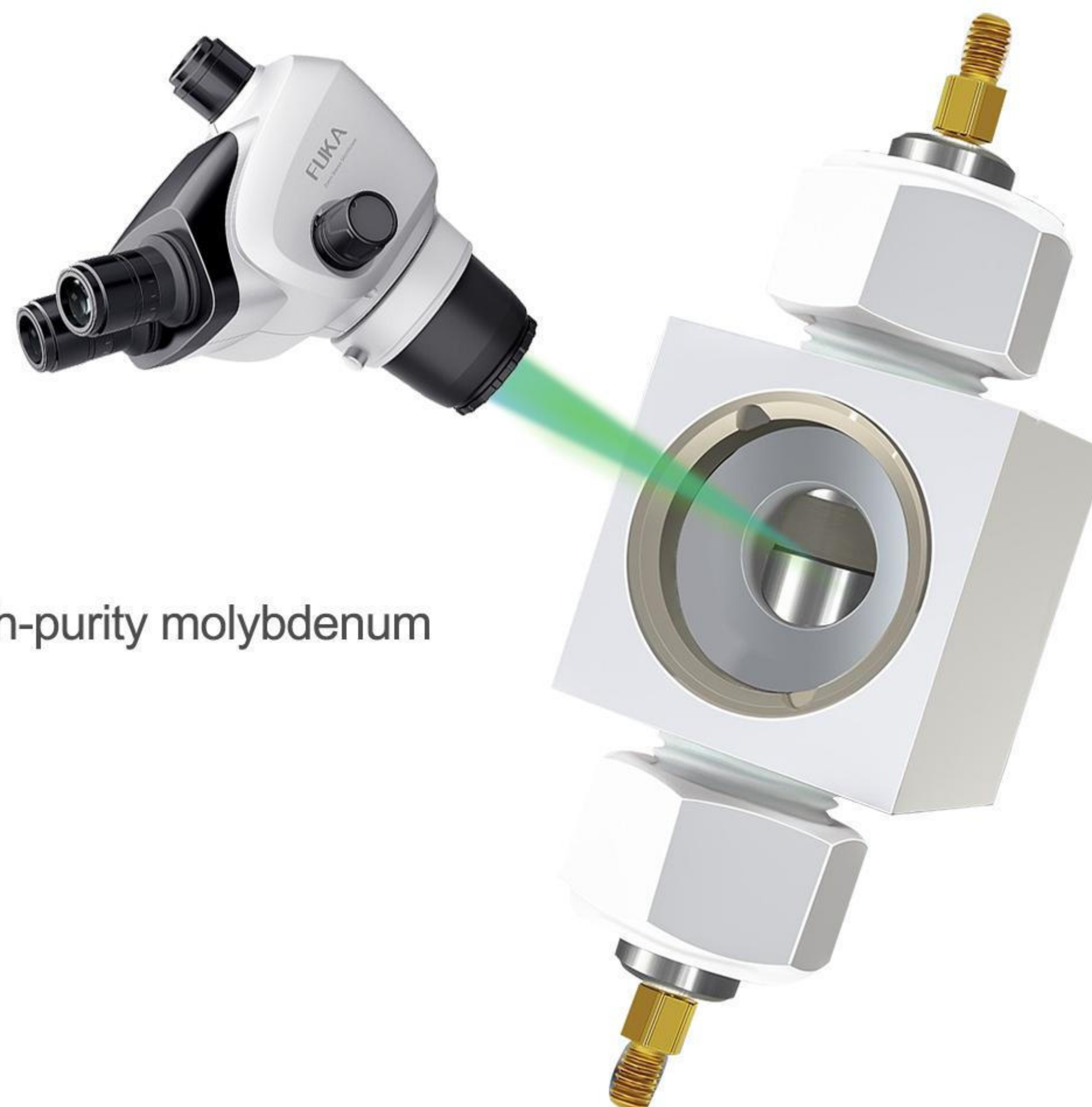


Stable performance

● YT09 CG - Dendrite in-situ observation mold

✓ [Can be customized and modified as required]

- **Operating conditions** : ≤200°C
- **Working pressure** : 10MPa
- **Product materials** : PTFE, copper
- **Inner diameter range** : φ10-20mm
- **Electrode material**: Titanium alloy, pure titanium, high-purity molybdenum



Corrosion resistance



High-transparency quartz window

● DJZ01 WXW

04

Solid electrolyte powder series

**LPSC
Sulfide solid electrolyte**

LPSC sulfide solid electrolyte has high ionic conductivity. This compound may have high ionic conductivity. It is applicable to fields such as solid-state batteries. LPSC may be used in the research and application of solid electrolyte materials. LPSC is a solid electrolyte with high ionic conductivity can be used in applications such as solid-state batteries. Its chemical structure is stable. It helps to improve the cycle life and safety of the battery.

**LIC
Halide solid electrolyte**

Lithium indium chloride halide solid electrolyte (hereinafter referred to as LIC) is suitable for the cathode electrolyte of halide all-solid-state batteries and can be prepared Electrolyte membranes, etc., effectively improve the electrochemical performance of materials. Solid batteries



Specification

Product	Li6PS5Cl solid electrolyte	Li3InCl6 solid electrolyte	Nano LIC solid electrolyte	LLZTO solid electrolyte	NZSP solid electrolyte	LATP solid electrolyte
ID	WXW001	WXW003-1	WXW003-2	SZBSE002-1.1	SZBSE002-2	SZBSE002-3.2
Diameter	2-50um	~1-3 m	500-1000 nm	<300 nm	<1um	300nm
size distribution	D50 10um	/	/	/	/	/
Ionic conductivity	>4.5 mS/cm (Cold pressing 300 MPa @ 30°C)	>1.0 mS/cm (Cold pressing 300 MPa @ 27°C)	~1.5 mS/cm (27°C)	0.8-1.0 mS/cm (Ceramic plate @ 27°C)	>1.0 mS/cm (Ceramic sheet @ 27°C)	>0.6 mS/cm
Phase	PDF2004#34-06	Monoclinic phase	Monoclinic phase	Cubic phase	Monoclinic phase	/
Appearance	Grayish white powder, no caking, no foreign matter	White powder, no caking, no foreign matter	White powder	White powder, no caking, no foreign matter	White powder, no caking, no foreign matter	White powder, no caking, no foreign matter

Storage Conditions

Store in glove box after opening bottle.

DJZ02 ZWY



Customizable solid electrolyte

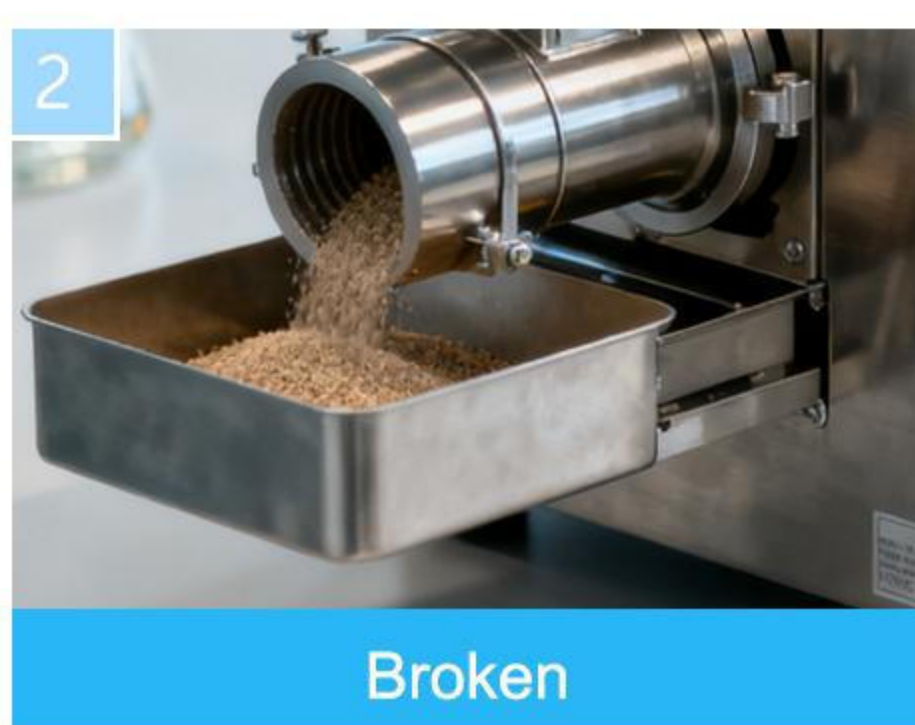
The particle size can be controlled. Different types or doping can be customized

XRD, SEM and particle size statistics can be provided. Additionally, particle size can be controlled as required.

Customized according to requirements, different types or doped (anionic, cationic) solid electrolytes can be customized. Larger quantities (over 5 kilograms) are preferred. Different types or doped (anionic, cationic) solid electrolytes can be customized.

Types	Name	Specification	Re-recording
Lithium ion Solid electrolyte	LPSCI	1.5 umAs follows	10g
	Li ₃ PS ₄	2-20um	10g
	Li ₁₀ GeP ₂ S ₁₂	1-10um	10g
	LiSiPSCI	2-20um	10g
	Li ₃ InCl ₆	3um	10g
	Li ₂ ZrCl ₆	1-10um	10g
	Li ₂ In _{1/3} Sc _{1/3} Cl ₄	1-10um	10g
	Li ₇ P ₃ S ₁₁	1-10um, Stable to lithium	10g
Sodium ion Solid electrolyte	Na3PS4	700 nm	10g
	NPSCI	1-5um	10g
Sodium ion Solid electrolyte	Na2Sn/Na15Sn4	/	10g
	Li22Sn5	/	10g

Upgrade of manufacturing process



DJZ03 HB



■ **Li₂S** ■ 10g



■ **LPSCI** ■ 10g



■ **LLZTO nanoscale** ■ 100g



■ **LLZTO** ■ 100g



■ **LIC316** ■ 10g



■ **LATP** ■ 100g



■ **LAGP** ■ 10g



■ **NZSPO** ■ 100g

Quality assurance

Technical support

Bulk purchase discount

If you need any other materials, please feel free to consult and learn

YLO1 CG - Flow battery mold

05

Liquid flow test mold

Safety - Controllable

✔ Placing silicone gaskets between the electrode columns of the flow battery mold can ensure that both sides are airtight, do not interfere with each other, and flow independently. In the same way, the gasket flows in a circular pattern on both sides



Corrosion resistance



Sealing property



Acid and alkali resistant

Specification

Product Name	Flow battery mold set
Mold material	Titanium alloy, PTFE, copper
Mold set	2 airtight bottles / 2 peristaltic pumps / 1 flow battery mold
Product accessories	Silicone hose
Peristaltic pump flow rate	4~14ml/min
Peristaltic pump voltage	12V
Conditions of use	Use under normal temperature conditions
Product performance	Corrosion-resistant and acid and alkali resistant

Brass



Titanium alloy



Graphite



Recyclable electrolytic cell

✔ Due to the characteristics of fluororubber, such as high-temperature resistance, oil resistance, high vacuum resistance, acid and alkali resistance, and resistance to various

YLO2 CG - Square flow battery mold

✔ [Can be customized and modified as required]

- **Mold material:** brass, graphite, stainless steel
- **Mold set:** 2 airtight bottles, 2 peristaltic pumps, 1 liquid flow mold
- **Product accessories:** Silicone hose
- **Product performance:** Acid and alkali resistant, corrosion resistant
- **Working voltage:** The peristaltic pump voltage is 12V



YLO3 CG - Flow battery mold

✔ [Can be customized and modified as required]

- **Assembly height :**80mm
- **Product size :**80x60mm
- **Product materials:** stainless steel, red copper, PVC, PP
- **Working pressure :**≤500 MPa



YLO4 CG - In-situ observation mold for heated liquid flow

✔ [Can be customized and modified as required]

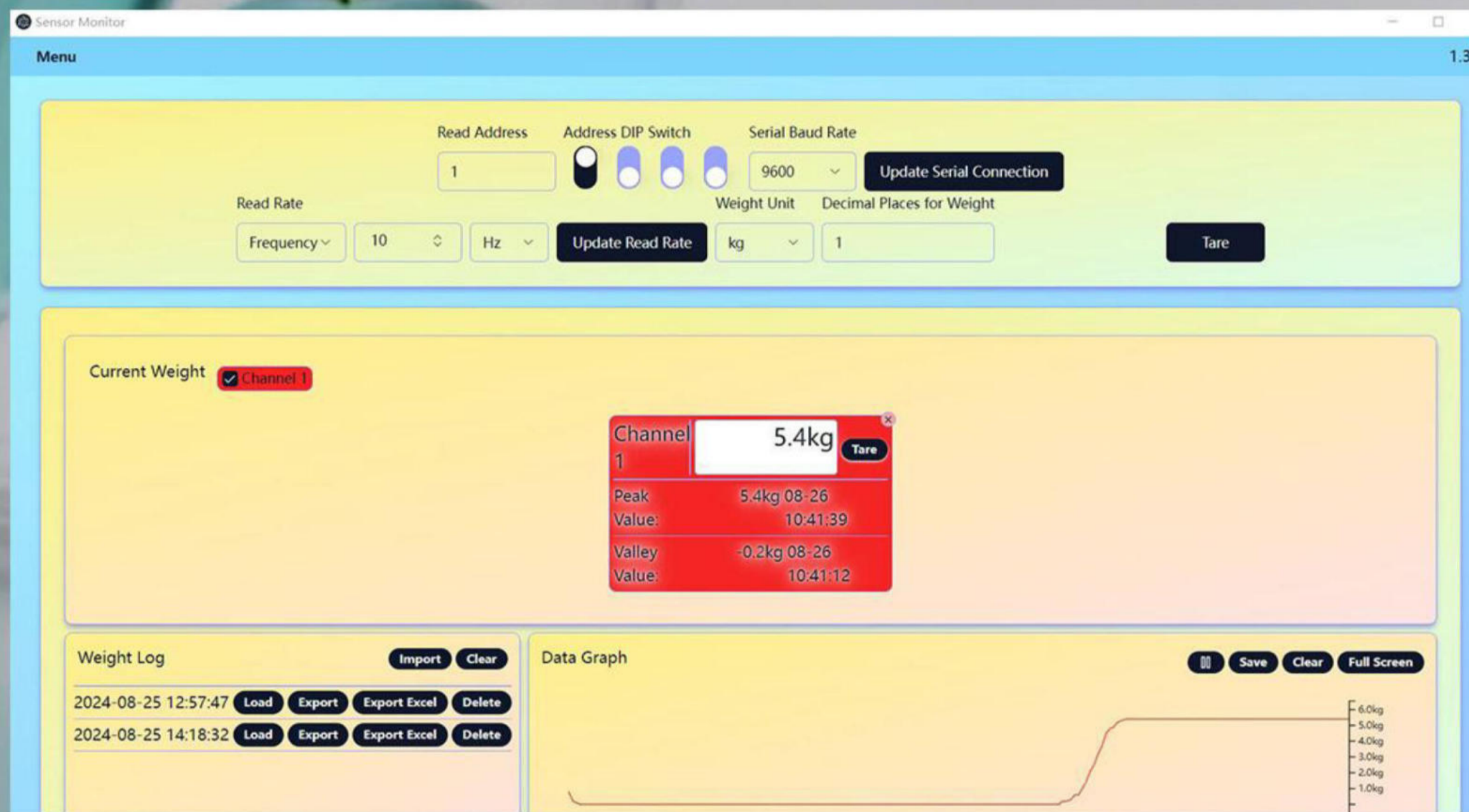
- **Sleeve width :**120mm
- **Assembly height :**100mm (excluding wiring)
- **Inner diameter range :**≤80 °C
- **Product material:** Stainless steel, PEEK



YLCS - Pressure sensing system

06

Experimental instruments








Software version - Software interface

- The pressure testing system has been fully upgraded, with a more refined appearance.
- More stable kernel;
- The software version is equipped with Excel recording function
- It can operate continuously on power for a week.
- Real-time and stable data recording without loss, and independent control of each channel.

- English
- Español
- Deutsch
- Français
- Italiano
- 日本語
- 한국어
- 简体中文
- 繁體中文



Product Information

Product	Model	Display	Record	Sensor	Computer connection cable
	YLCS01-SX	Instrument	/	1	/
	YLCS01-RX	Software	Execl	1	1 set
	YLCS04-SX	Instrument	/	4	/
	YLCS04-RX	Software	Execl	4	1 set
	YLCS08-RX	Software	Execl	8	1 set

Specification



The measurement range is fixed

The rated load of the sensor can be customized. For example: sensor with a diameter of 25 and a range of 500kg; sensor with a diameter of 25 and a range of 1 ton



High-precision sensor

This sensor adopts an elastic body structure and features a low profile, upper and lower flanges, high precision, good strength, easy installation, and excellent output symmetry.

● WDO1 - Temperature testing system

High-temperature resistance

It can withstand 300°C

Corrosion resistance

It has very high chemical stability

Peel resistance

It can be used under harsh conditions



AI intelligent algorithm

- ✔ The precision operation reaches 0.1°C. The intelligent temperature measuring instrument adopts an AI artificial intelligence regulation algorithm with self-tuning (AT) function, with an internal operation accuracy of 0.1°C, ensuring accurate control and no overshoot

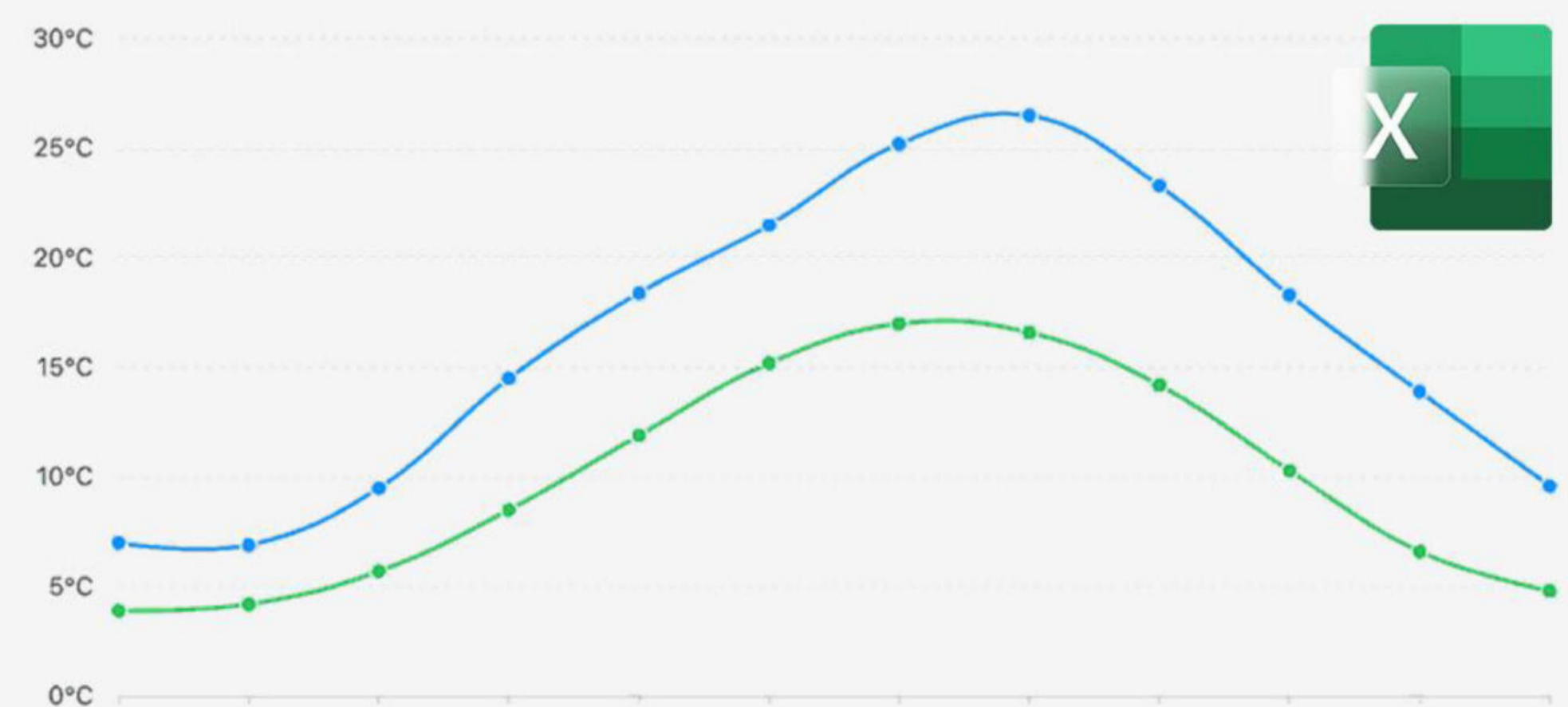


Product Information

- ✔ With high-quality materials, we construct large-scale projects. Every detail is strictly controlled to ensure your comfort every time you use them
- **Mold material:** Titanium alloy, peek
- **Product set:** 1 temperature measurement instrument, 1 temperature measurement battery mold
- **Product accessories:** 3 connection cables, 1 software installation package
- **Setting range:** The instrument setting range is 0.001-1000 seconds
- **Maximum temperature measurement :**300°C

Networked record

- ✔ The data recording range is from 0.001 to 1000. The instrument detection data can be recorded by software, and the data file can be directly opened by double-clicking in an EXCEL table



CLO1 - Four-channel magnetic stirrer

- **Control mode:** Instrument
- **Mixers :**4 sets
- **Product rotational speed :**20-400rpm
- **Number of programming segments :**3
- **Cycle count :**999



Simple operation



Operate independently

Convenient operation



- ✓ The one-click start operation is simple. Four stepper motors are controlled by PLC+ touch screen, with the rotational speed precisely adjusted between 20 and 400 revolutions per minute



Operate independently



- ✓ The agitator can operate independently on a single channel. The standard size of the agitator is 100MM in diameter and can be modified as required. The four-channel agitator can be set to have only one channel in operation



Introduction to Programming



- ✓ It can achieve up to three programming Settings for the speed of the stirrer within each period of time and operate independently

Three-segment programming

before 10min
Rotational speed 20

10-20min
Rotational speed 40

20-40min
Rotational speed 100

Maximum number of cycles

999

07

Customized experimental instruments

Specialization

Tailor-made experimental equipment

In-depth requirement analysis: Our team of engineers will stand by your side, thoroughly understanding your experimental procedures and technical challenges. Ensure that the design plan is in line with the requirements from the source.



● FB01

In-situ pressure testing device



● FB02

Coal block pressure testing device



● FB03

Customized electrolyte cell



● FB04

Customized liquid connection pool



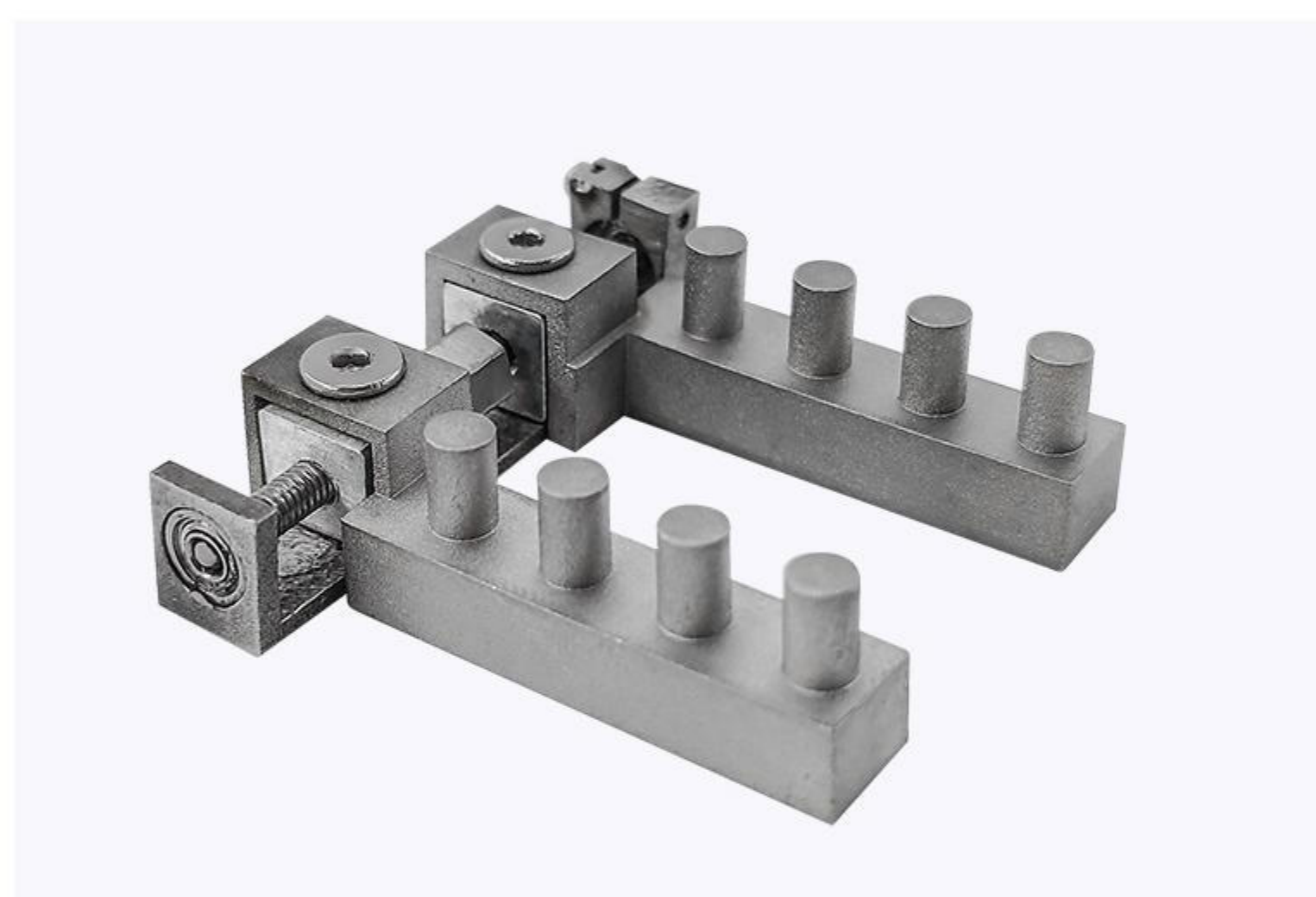
● FB05

Coal block pressure testing device



● FB06

Micro single-axis biaxial stretching fixture



● FB07

Small single-axis biaxial stretching fixture



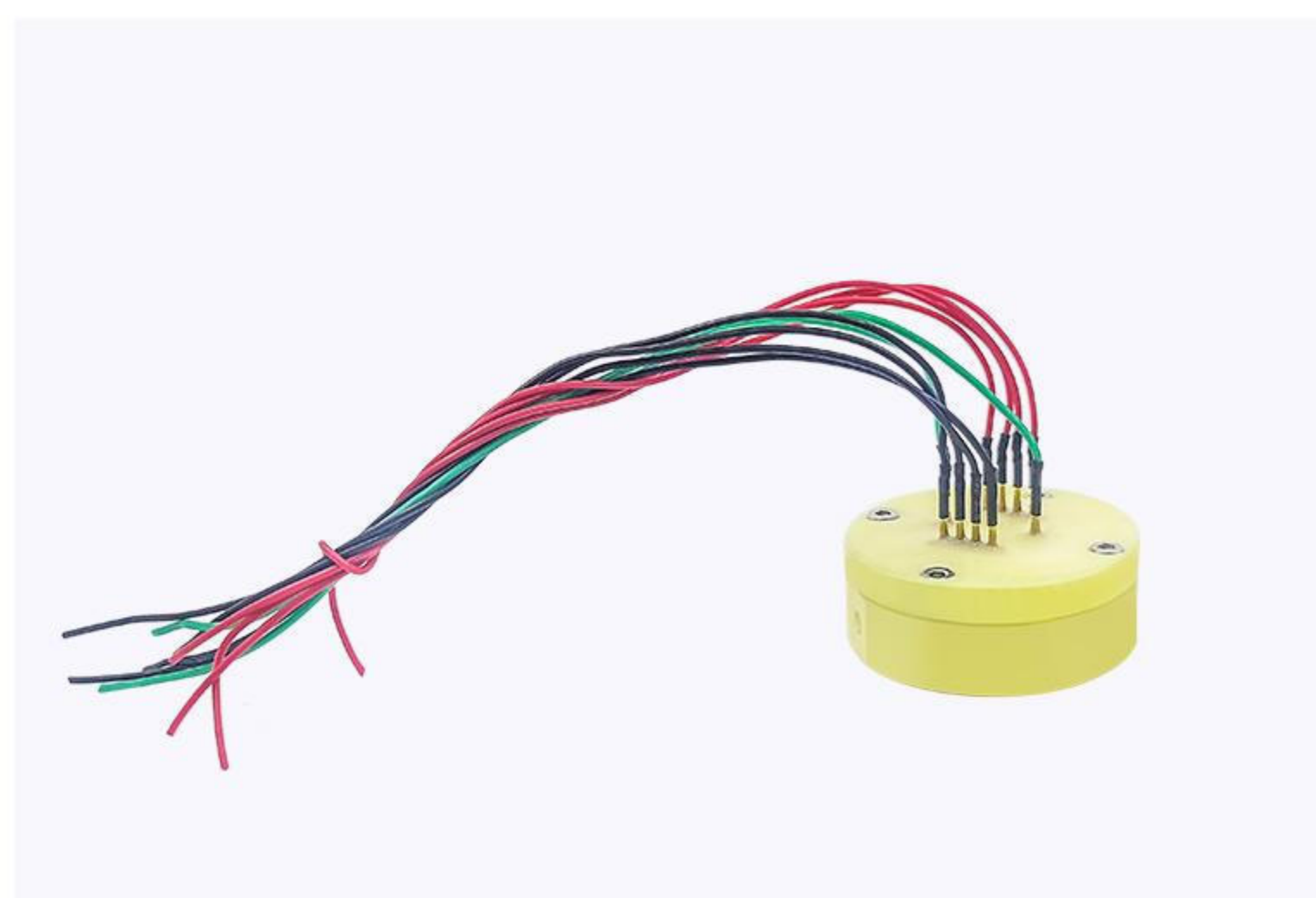
● FB08

Flip-top SEM transfer chamber



● FB09

Mask plate light test mold



● FB10

In-situ gas reaction observation device



● FB11

Temperature-controlled ventilation pressure tank

