KINTEK
Solution for researching

KINTEK SOLUTION

Electrochemical Electrode Catalog

Contact us for more catalogs of Sample Preparation, Thermal Equipment, Lab Consumables & Materials, Bio-Chem Equipment, etc.

KINTEK SOLUTION

COMPANY PROFILE

>>> About Us

Company Profile

Kintek Solution Ltd is one technology orientated organization, team members are devoted to probing the most efficicent and reliable technology and innovations in the scienticfic researching equipment, fields like biochemical reacting, new materials researching, heat treatment, vaccum creating, refrigerating, as while as pharmaceutical and petroleum extracting equipment.

Products & Services

Kintek Solution Ltd is headquartered in Zhengzhou, the capital city of Henan Province, China, and its core business includes the manufacture, distribution and sale of all types of scientific research equipment and laboratory consumables. The wide range of products and services covers the following main areas:

- **Sample Preparation Equipment:** We provide high-performance sample preparation equipment such as tablet presses, ball mills, vibrating sieves and tablet punching machines, which are capable of meeting a wide range of sample preparation needs and ensuring high quality experimental data and research results.
- **Thermal Equipment:** Our thermal equipment includes tube furnaces, sintering furnaces, vacuum furnaces, atmosphere furnaces, graphite furnaces, dental furnaces, rotary furnaces, and high-temperature furnaces (e.g., MPCVD, CVD, PECVD, electric rotary kilns). These facilities excel in high-temperature processing and materials synthesis, meeting a wide range of needs from basic research to industrial production.
- **Biochemical equipment:** We offer a wide range of biochemical laboratory equipment, including rotary evaporators, vacuum pumps, cold trap chillers,

heating circulators, reactors, short-range distillation equipment, sterilization equipment, and homogenizers. These equipments are widely used in the fields of chemical reaction, biological processing and pharmaceutical manufacturing.

- **Laboratory Consumables:** We supply a wide range of laboratory consumables such as fine ceramic products, electrochemical consumables, PTFE material products, high purity materials, battery materials, chemical vapor deposition materials, optical materials, thin film deposition components and glass materials. These consumables provide the necessary support for laboratories to ensure the smooth running of experimental processes.

Technological Advantages

Kintek Solution Ltd has significant technological strengths in the field of scientific research equipment and technical solutions, which enable us to stand out in a competitive marketplace and support our customers with cutting-edge technology. The following are our key technological strengths:

Advanced R&D capabilities

- Technological Innovation: Our R&D team is committed to exploring and developing the latest technologies to keep our equipment at the forefront of the industry through continuous technological innovation.
- Customized solutions: Based on the specific needs of our customers, we are able to develop and provide customized equipment to meet specific research requirements and application scenarios.
- Cooperative R&D: We cooperate with leading research institutes and higher education institutions around the world to carry out R&D projects on cutting-edge technologies to ensure that our technologies are always at the forefront of the industry.

High-performance equipment

- Precision design: Our equipment adopts advanced design concepts to ensure high precision, reliability and performance to meet the stringent requirements of scientific research and industrial applications.
- Advanced materials: We use high-quality materials and components to improve the durability and stability of our equipment, extend its service life and reduce maintenance costs.

Strict quality control

- Standardized production: All equipment is manufactured in accordance with international quality standards, and each production step is strictly controlled to ensure product consistency and reliability.
- Comprehensive testing: Comprehensive performance testing and quality inspection are carried out before the equipment is delivered to ensure that it meets the customer's technical specifications and operational requirements.

Comprehensive technical support

- Technical Service: Provide comprehensive technical support and after-sales service, including equipment installation, commissioning, training and maintenance, to ensure that customers can use our products efficiently.
- Rapid Response: We have established a rapid response mechanism, which can promptly solve the problems encountered by customers in the process of use and reduce equipment downtime.

Innovative technology integration

- System Integration: We integrate advanced control systems and automation technologies into our equipment to improve operational efficiency and data accuracy, and streamline operational processes.

Through these technological advantages, Kintek Solution Ltd is able to continue to provide our customers with innovative, efficient and reliable scientific research equipment and solutions to promote the continuous progress of scientific research and industrial applications.

Market position and customers

Kintek Solution Ltd is positioned in the market as a leading global provider of high-tech research equipment and solutions, specializing in biochemical reactions, new materials research, heat treatment, vacuum manufacturing, refrigeration, as well as pharmaceuticals and oil extraction. We are committed to brand leadership in research equipment by providing innovative technology and high quality equipment to meet the needs of research organizations and industrial companies in complex research and production processes.

Core Market Positioning:

- Specialization: We focus on high technology and scientific research, providing advanced equipment and solutions for specialized research institutes, laboratories and industrial applications.
- High-end customers: Our main customers include world-renowned universities, research institutes and various industrial enterprises, which usually have high requirements for equipment performance and technology.
- Technological Innovation: We are committed to technological innovation and customized solutions to ensure that our customers receive cutting-edge technical support to meet the ever-changing needs and challenges in the market.

Market Customer Groups:

- Research Institutes and Universities: including the world's leading research institutes and institutions of higher learning, who require high-performance research equipment and technical support for basic research, applied research and technology development.
- Industrial companies: covering a wide range of industries such as pharmaceuticals, oil extraction, new materials manufacturing and electronic materials production, these companies rely on reliable equipment and solutions to ensure product quality and productivity during production.
- Laboratories and test centers: organizations that provide laboratory services and quality testing, requiring accurate laboratory equipment and instruments for sample analysis and testing.
- Technology Development Companies: Companies that specialize in the development and application of new technologies and have a high demand for innovative equipment and technical solutions to support their R&D projects and technology validation.

Through clear market positioning and customer groups, we are committed to promoting scientific and technological progress, supporting the innovation and development of our global customers, and continuing to provide high-quality products and services to the market.

Team Introduction

The team at Kintek Solution Ltd is at the heart of the company's success. In order to realize our vision and maintain our leadership position in the field of high-tech research equipment, we are committed to building an exceptional team with the following attributes:

1. Professionalism

- Technical Expertise: Our team consists of technical experts and engineers in the field with deep expertise and technical backgrounds to meet complex technical challenges and innovation needs.
- Industry experience: We bring together professionals with extensive experience in the fields of research equipment, material science and engineering technology to ensure a precise grasp of market needs and technological trends.

2. Innovative Spirit

- R&D-driven: The team encourages innovative thinking and technological exploration, supports employees to participate in R&D projects on cutting-edge technologies, and continuously pushes forward the technological advancement of products and solutions.
- Flexible Adaptation: In the face of changing market environment, we have the ability to adapt quickly and flexibly to meet the changing needs of our customers.

3. Collaboration and Communication

- Cross-sectoral collaboration: The team maintains close collaboration between various departments, including R&D, production, sales and customer service, to ensure the smooth progress of projects and timely response to customer needs.
- Efficient Communication: Emphasize internal communication and information sharing, through efficient communication mechanisms and tools to ensure that all team members are consistent with the project goals and progress.

4. Customer Orientation

- Customer Service: Team members are customer-focused and committed to providing quality service and support to ensure that our customers have the best experience in using our products and solutions.

- Customized solutions: the ability to deeply understand the specific needs of customers and provide customized solutions to meet the special requirements of different customers.

5. Professional Training and Development

- Continuous Learning: We provide continuous training and learning opportunities for our team members to ensure that they are always up-to-date with the latest technology and industry knowledge.
- Career Development: We value the career development and growth of our employees, provide clear career paths and promotion opportunities, and motivate our employees to realize their personal goals and career aspirations within the company.

6. Corporate Culture

- Integrity and Responsibility: The team upholds integrity and responsibility, treats work and customers with honesty and fairness, and builds trust and long-term cooperative relationships.
- Unity and Collaboration: Focusing on the spirit of teamwork, the team emphasizes mutual support and joint efforts to achieve the company's goals and promote the overall success of the team.

By building such a highly qualified, innovation-driven and customer-oriented team, we ensure that Kintek Solution Ltd continues to lead in the field of scientific research equipment and provide excellent products and services to our customers worldwide.

At KINTEK, technology fuels our corporate spirit. This dynamic energy awaits you upon joining our team. Expect a distinctive cultural environment where our global business focus opens doors to diverse customs and traditions worldwide. Here, challenging roles promise to propel your career to new heights.

Our exceptional corporate culture sparks innovation, fosters care, and drives continuous progress among individuals and teams. Our team embodies youthfulness, positivity, enthusiasm, and a bold attitude toward challenges. Passionate about our business, our employees ardently contribute to the company's growth.

We seek individuals brave enough to embrace challenges, harbor grand ambitions, and thirst for knowledge. If you're driven by dreams and passion, and aspire to start your

entrepreneurial journey, KINTEK is the platform to actualize your career plans. We don't just offer opportunities; we pave the way for your future.

Join us at KINTEK, where innovation meets opportunity. Let's create a future that's as promising as your aspirations.

Future Plans

Kintek Solution Ltd's future plans are aimed at further strengthening our leadership position in the research equipment sector and driving the company forward in terms of technological innovation, market expansion and customer service. The following are our key future directions:

1. Technology Innovation and R&D

- Cutting-edge technology development: Continue to invest resources in the research and development of cutting-edge technologies, such as artificial intelligence, the Internet of Things and nanotechnology, in order to promote equipment intelligence and automation.
- New Product Lines: Expand existing product lines and develop equipment to meet emerging market needs, especially in the areas of biochemistry, biomedicine and high-performance materials.
- Cooperative R&D: Strengthen cooperation with international research institutes and institutions of higher learning to carry out joint R&D projects to ensure that the technology remains at the global leading level.

2. Market Expansion

- Global Market Expansion: Further expand the global market, especially in emerging markets and developing regions, establish more sales and service networks, and enhance the brand's international influence.
- Industry application: Explore and expand the application fields in other industries, such as new energy, environmental protection technology and intelligent manufacturing, to open up new business growth points.

3. Customer Service Enhancement

- Enhancement of customer support: Establish a more complete customer support system, provide 24/7 technical support and maintenance services, and ensure

the efficient experience of customers in the use of equipment.

- Customized services: Provide more customized services and solutions according to customers' individual needs to enhance customer satisfaction and loyalty.

4. Sustainable Development

- Environmentally friendly technology: Develop and adopt environmentally friendly materials and processes to reduce the environmental impact during the production and use of equipment and promote sustainable development.
- Energy saving and consumption reduction: Optimize the energy efficiency of equipment, reduce energy consumption, improve resource utilization efficiency, and support the development of green technology.

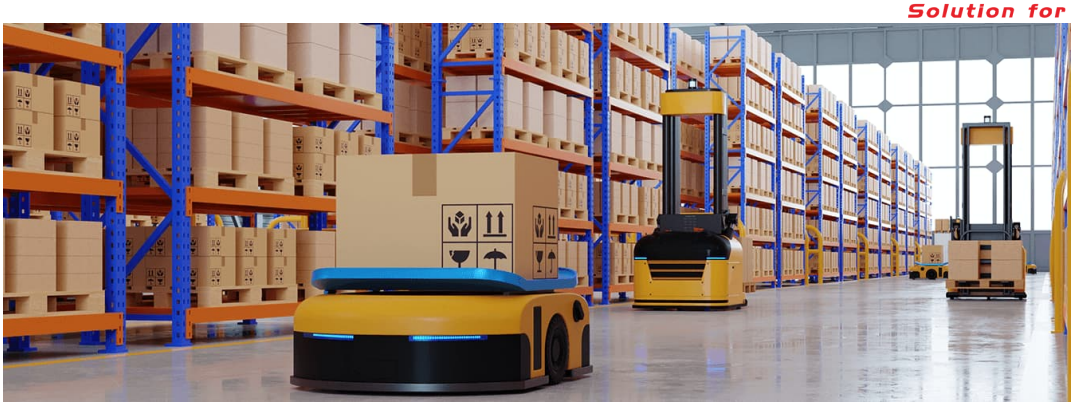
5. Internal optimization

- Intelligent management: Implement intelligent management systems and data analysis tools to improve productivity and management and reduce operating costs.
- Employee Training: Enhance employee training and skills upgrading to build a high-quality team to meet changing market demands and technological challenges.

6. Innovation ecosystem

- Establishment of innovation platform: Create innovation platforms and laboratories to support employees and partners in technological innovation and product development.
- Industry Chain Cooperation: Deepen cooperation with the upstream and downstream of the industry chain, integrate resources, and promote the development and implementation of industry technical standards and market norms.

Through these future plans, Kintek Solution Ltd will continue to lead the forefront of science and technology, provide customers with more advanced and reliable products and services, and at the same time, promote the sustainable development of the enterprise and the progress of the industry.



Electrode Fixture

Item Number: ELEF

Introduction

Upgrade your experiments with our customizable Electrode Fixtures. High-quality materials, acid and alkali resistant, and safe and durable. Discover our complete models today.

Learn More

Features	Corrosion Resistant
Applicable temperature range	0 ~ 60℃
Clamping thickness	0.1 ~ 5mm
Material	PTFE rod + platinum sheet
Two built-in 10*10 and 10*15 (can be customized to clamp 10mm samples)	

Features	Corrosion Resistant
Applicable temperature range	0 ~ 60℃
Clamping thickness	0.1 ~ 5mm
Material	PTFE rod + gold sheet
Built-in 10*10 (can be customized clip 10mm sample)	

Features	Resistant to slight corrosion
Applicable temperature range	0 ~ 60℃
Clamping thickness	0.1 ~ 5mm
Material	PTFE rod + titanium sheet
Built-in 10*15 pieces (can be customized to clip 10mm samples)	

Features	Samples can be placed in parallel
Applicable temperature range	0 ~ 60℃
Clamping thickness	0.1 ~ 3mm
Material	PTFE rod + platinum sheet
Built-in 10*10 platinum sheet (can be made of gold sheet, sheet, copper sheet, etc.)	

Features	Easy to operate
Applicable temperature range	0 ~ 60℃
Clamping thickness	0.1 ~ 3mm
Material	PTFE Rod + Alligator Clip

The chuck is made of crocodile clips, easy to use and easy to operate

Features	High temperature resistance and slight corrosion resistance
Applicable temperature range	0 ~ 80℃
Clamping thickness	0.1 ~ 3mm
Material	PEEK Rod + Platinum Sheet
Built-in φ7mm platinum sheet (can be made of gold sheet, sheet, copper sheet, etc.)	

Features	High temperature resistance and slight corrosion resistance
Applicable temperature range	0 ~ 80℃
Clamping thickness	0.1 ~ 3mm
Material	PEEK Rod + Platinum Sheet
Built-in 10*10 platinum sheet (can be made of gold sheet, sheet, copper sheet, etc.)	

Features	Can effectively inhibit the hydrogen evolution reaction
Applicable temperature range	0 ~ 65℃
Clamping thickness	0.1 ~ 3mm
Material	PEEK Rod + Glassy Carbon
Built-in 3mm imported glass carbon (note that the working voltage should not exceed 1A)	

Features	High temperature resistance and slight acid and alkali resistance
Applicable temperature range	0 ~ 80℃
Clamping thickness	0.1 ~ 3mm
Material	PEEK Rod + Platinum
Built-in 6*6 and 9*9 platinum sheets (can be customized variable diameter electrode clip 6 to 10)	

Features	Can make the sample parallel
Applicable temperature range	0 ~ 65℃
Clamping thickness	0.1 ~ 3mm
Material	PEEK Rod + Glassy Carbon
Built-in 9*9 platinum sheet (custom gold sheet, sheet, copper sheet material)	

Features	Ultra-high temperature resistant and not acid resistant
Applicable temperature range	0 ~ 200℃
Clamping thickness	0.1 ~ 3mm
Material	316L stainless steel
Stainless steel is alkali-resistant, but not acid-resistant, so attention should be paid to the nature of the electrolyte	

Features	Ultra-high temperature resistant Slight corrosion temperature range
Applicable temperature range	0 ~ 200℃
Clamping thickness	0.1 ~ 3mm
Material	Copper
Stainless steel is alkali-resistant, but not acid-resistant, so attention should be paid to the nature of the electrolyte	

Features	Corrosion resistant large contact area
Applicable temperature range	0 ~ 60℃

Clamping thickness	0.1 ~ 3mm
Material	PTFE + platinum sheet
Built-in 10*30 platinum sheet (size and material can be customized)	

Features	Suitable for soft samples
Applicable temperature range	0 ~ 60℃
Clamping thickness	0.1 ~ 5mm
Material	PTFE + platinum sheet
Built-in 5*15 platinum (size can be customized, material can be customized)	

Features	Length and size can be customized
Applicable temperature range	0 ~ 60℃
Clamping thickness	0.1 ~ 5mm
Material	PTFE + copper wire
Built-in 0.5mm copper wire (size and material can be customized)	

Graphite Disc Electrode Graphite Rod Graphite Sheet Electrode

Item Number: ELEG

Introduction

High-quality graphite electrodes for electrochemical experiments. Complete models with acid and alkali resistance, safety, durability, and customization options.

Learn More

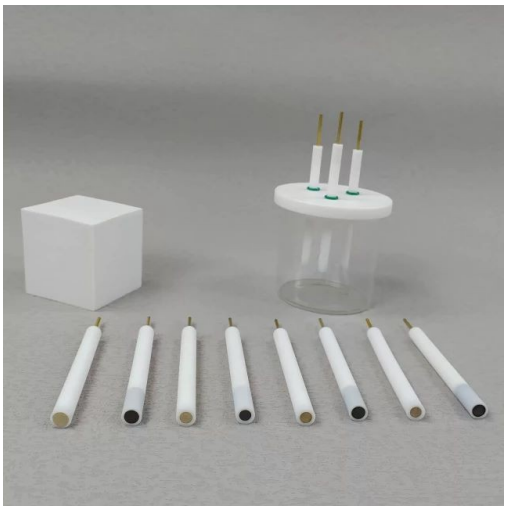
Features	10*10*3, can be customized
Applicable temperature range	0 ~ 60℃
Rod material	PTFE
Material	High-purity graphite>99.99%

Features	2*90, can be customized
Applicable temperature range	0 ~ 60℃
Rod material	PTFE
Material	High-purity graphite>99.99%

Features	Inner core φ 2-6
Applicable temperature range	0 ~ 60℃
Rod material	PTFE
Material	High-purity graphite>99.99%

Metal Disk Electrode

Item Number: ELEM



Introduction

Elevate your experiments with our Metal Disk Electrode. High-quality, acid and alkali resistant, and customizable to fit your specific needs. Discover our complete models today.

Learn More

Specification	0.5 ~ 6mm, can be customized
Applicable temperature range	0 ~ 60℃
Rod material	PTFE
Material	Any material can be customized

Glassy Carbon Electrode

Item Number: ELEGC

Introduction

Upgrade your experiments with our Glassy Carbon Electrode. Safe, durable, and customizable to fit your specific needs. Discover our complete models today.

Learn More

Specification	Inner diameter 2~6mm, can be customized
Applicable temperature range	0 ~ 60℃
Rod material	PTFE
Material	Imported glassy carbon > 99.99%

High Purity Metal Sheets - Gold / Platinum / Copper / Iron Etc...

Item Number: ELEGB

Introduction

Elevate your experiments with our high-purity sheet metal. Gold, platinum, copper, iron, and more. Perfect for electrochemistry and other fields.

Learn More

Specification	customized
Applicable temperature range	0 ~ 60℃
Purity	99.99%
Material	customized

Sample Support Body

Item Number: ELES

Introduction

Improve your electrochemical tests with our Sample Support Body. High-quality and reliable for accurate results. Upgrade your research today.

Learn More

Reaction area	1cm² (customizable)
Applicable sample size	circular diameter > 15mm square side length > 15mm
Applicable sample thickness	3mm ~ 5mm (can be customized)
Conductive form	gold-plated copper needle
Overall material	PTFE
Dimensions	rod length 6*80mm

Gold Disc Electrode

Item Number: ELEGD

Introduction

Looking for a high-quality gold disc electrode for your electrochemical experiments? Look no further than our top-of-the-line product.

Learn More

Specifications	0.5 ~ 6mm, can be customized
Applicable temperature range	0 ~ 60℃
Rod Material	PTFE
Guide material	high purity gold> 99.99%

Platinum Disc Electrode

Item Number: ELEP

Introduction

Upgrade your electrochemical experiments with our Platinum Disc Electrode. High-quality and reliable for accurate results.

Learn More

Specifications	0.5 ~ 6mm, can be customized
Applicable temperature range	0 ~ 60℃
Rod Material	PTFE
Guide material	high Purity Platinum> 99.99%

Glassy Carbon Sheet - Rvc

Item Number: ELEGCS

Introduction

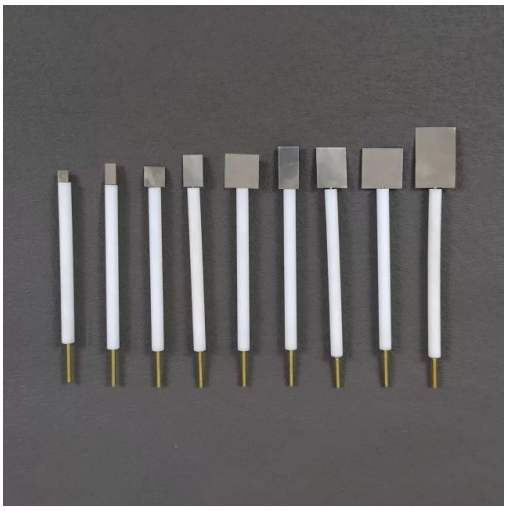
Discover our Glassy Carbon Sheet - RVC. Perfect for your experiments, this high-quality material will elevate your research to the next level.

Learn More

Specifications	10*10*1mm ~ can be customized
Applicable temperature range	0 ~ 60℃
Guide sheet material	imported glass carbon

Platinum Sheet Electrode

Item Number: ELEPS



Introduction

Elevate your experiments with our Platinum Sheet Electrode. Crafted with quality materials, our safe and durable models can be tailored to fit your needs.

Learn More

Specification	5*5*0.1 mm, can be customized
Applicable temperature range	0 ~ 60℃
Rod Material	PTFE
Guide sheet material	high purity platinum> 99.99%

Platinum Auxiliary Electrode

Item Number: ELPA

Introduction

Optimize your electrochemical experiments with our Platinum Auxiliary Electrode. Our high-quality, customizable models are safe and durable. Upgrade today!

Learn More

Features	Corrosion Resistant
Applicable temperature range	0 ~ 80℃
Wire diameter	0.5 / 1mm
Material	pure platinum
Customize material (gold, silver, platinum, copper) and rod length to your needs.	

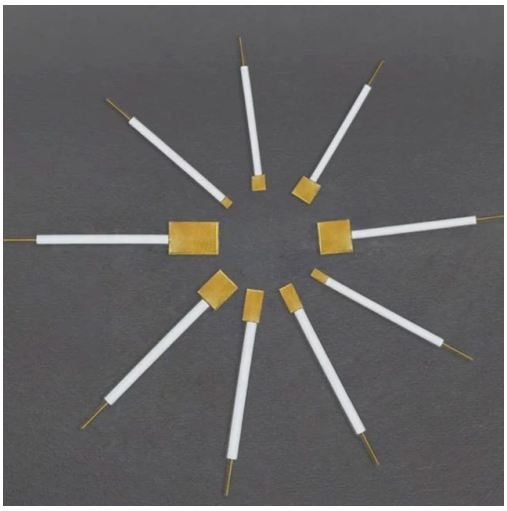
Features	Corrosion Resistant
Applicable temperature range	0 ~ 80℃
Wire diameter	0.5 / 1mm
Material	PTFE Rod + Platinum Wire
Customize material (gold, silver, platinum, copper) and rod length to your needs.	

Features	Corrosion Resistant
Applicable temperature range	0 ~ 80℃
Size	5*5~ 50*50mm
Material	PTFE Rod + Platinum Mesh
Pure platinum wire braided mesh electrode, high purity and large surface area.	

Features	Corrosion Resistant
Applicable temperature range	0 ~ 80℃
Wire diameter	1mm ~ 2mm
Material	PTFE Rod + Platinum
Customize material (gold, silver, platinum, copper) and rod length to your needs.	

Gold Sheet Electrode

Item Number: ELEGS

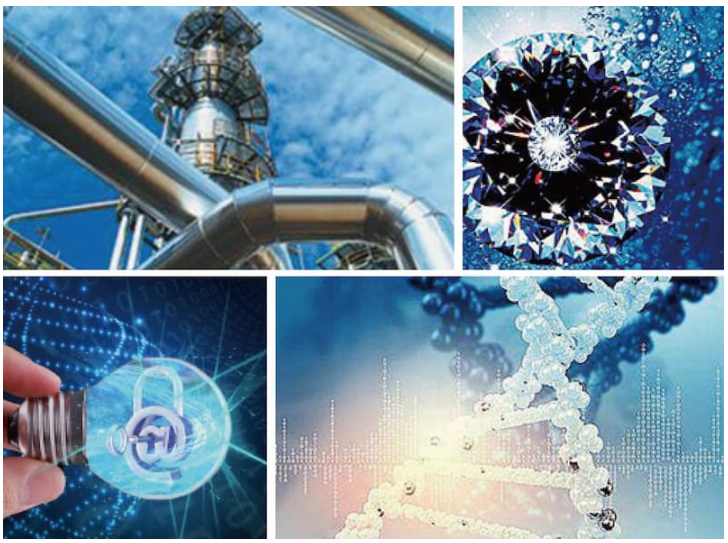


Introduction

Discover high-quality gold sheet electrodes for safe and durable electrochemical experiments. Choose from complete models or customize to meet your specific needs.

Learn More

Specifications	5*5*0.1 mm ~ can be customized
Applicable temperature range	0 ~ 60℃
Rod Material	PTFE
Guide material	high purity gold> 99.99%



Kintek Solution

Head Quarter: No.89 Science Avenue, High-Tech Zone,
Zhengzhou, China

info@kindle-tech.com | https://kindle-tech.com