

KINTEK SOLUTION

# **Electrochemical Material Catalog**

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



# KINTEK SOLUTION

### COMPANY PROFILE

### >>> About Us

Kintek Solution Ltd is one technology orientated organization, team members are devoted to probing the most efficieent 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.

In the past 20 years, we earned rich experiences in this researing equipment field, we are capable to supply both the equipment and solution according to customer's needs and realities, we have also developed lots of customer tailer equipment accoding to a specific working purpose, and we have lots of successful projects in many universities and institutes from different countries, like Asia, Europe, North and south America, Australia and New Zealand, middle east, and Africa.

Profession, quick response, hard working, and sincerity is a remarkable label of our team meambers working attitude, which earn us a sound reputation among our clients.

We are here and ready to service our clients from different countries and regions, and share the most efficent and reliable technology together!





# **Electrode Polishing Material**

**Item Number: ELMP** 



#### Introduction

Looking for a way to polish your electrodes for electrochemical experiments? Our polishing materials are here to help! Follow our easy instructions for best results.



### **Conductive Carbon Cloth / Carbon Paper / Carbon Felt**

**Item Number: ELCPF** 



#### Introduction

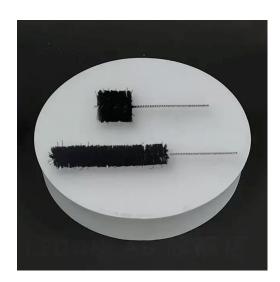
Conductive carbon cloth, paper, and felt for electrochemical experiments. High-quality materials for reliable and accurate results. Order now for customization options.

| Model                    | HCP330N (hydrophilic)       | HCP330P (waterproof, that is, PTFE treatment) | HCP331N (hydrophilic)       | HCP331P (waterproof, that is, PTFE treatment) |
|--------------------------|-----------------------------|---|-----------------------------|---|
| Thickness                | 0.29±0.02mm                 | 0.380.02mm                                    | 0.340.02mm                  | 0.350.02mm                                    |
| Size                     | 36*18cm                     | 36*18cm                                       | 336*18cm                    | 36*18cm                                       |
| Unit weight              | 160-190 g/m²                | 175-205g/m²                                   | 200-230g/m²                 | 200-230g/m²                                   |
| Longitudinal resistance  | < 0.12 × 10- <sup>2</sup> Ω | < 0.35 × 10-2Ω                                | < 0.11 × 10- <sup>2</sup> Ω | $< 0.2 \times 10^{-2}\Omega$                  |
|                          |                             |   |                             |   |
| Model                    | WIS1010                     | WIS1011                                       |                             |   |
| Thickness                | 0.38mm                      | 0.41mm  |                             |   |
| Basic Weight             | 180g/m²                     | 200g/m²                                       |                             |   |
| Air Permeahility         | < 55sec                     | < 55sec                                       |                             |   |
| Through.Plane Resistance | < 13 mΩcm²                  | < 13 mΩcm²                                    |                             |   |
| Tensile Strength (MD)    | 10 N/cm                     | 10 N/cm                                       |                             |   |
| Tensile Strength (XD)    | 5 N/cm                      | 5 N/cm  |                             |   |
|                          |                             |   |                             |   |
| Density                  | 70-600 g/m²                 |   |                             |   |
| Thickness size           | 1 ~ 12 mm                   |   |                             |   |
| Carbon content           | ≥90%                        |   |                             |   |
| Specific surface area    | ≥1500m²/g                   |   |                             |   |



## **Conductive Carbon Fiber Brush**

**Item Number: ELBCF** 



#### Introduction

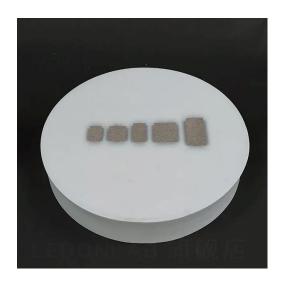
Discover the benefits of using conductive carbon fiber brush for microbial cultivation and electrochemical testing. Improve your anode's performance.

| Material | carbon fiber wire                         |
|----------|---|
| Size     | 3*3*12 cm - 3*30*35 cm, Can be customized |



# Foam Metal Sheet - Copper Foam / Nickel

**Item Number: ELFMS** 



#### Introduction

Discover the benefits of foam metal sheets for electrochemical tests. Our foam copper/nickel sheets are ideal for current collectors and capacitors.





### **Kintek Solution**

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