



Suzhou Peiyang New Material Technology Co. Ltd

Address: Third Floor, Building 3, No. 59 Zoumatang Road, Mudu
Town, Wuzhong District, Suzhou, China

Telephone: +86-18206210898

E-mail: jichunmei80@gmail.com

Nearly 20 years practical experience in all kinds of adhesives, optical adhesives, Tapes, Foam, protective films and related equipment.

Company Profile

Suzhou Peiyang New Material Technology Co. Ltd

01

创造更多可能

Create More Possible

日昇誠業
Central Laboratory

创造更多可能

Create More Possible

日昇誠業
Central Laboratory

Company Profile / About us

Suzhou PeiYang New Material Technology Co. Ltd is a technological innovation-based enterprise specializing in research & development, production, sales of adhesives and overall supporting services. Its main products are epoxy adhesives, UV adhesives, acrylic structural adhesives, optical adhesives, PUR hot melt adhesives, MS modified silane adhesives, industrial adhesives, tapes, foams, protective films, etc. and related equipment & accessories. A R&D department consisting of an elite team of 40 people led by 5 PhDs and multiple masters, providing customers with professional product development and technical support. It is widely used in consumer electronics, new energy vehicles, semiconductors, industrial assembly, aerospace, smart homes, and many other fields. Now it cooperates with well-known enterprises in various industries at home and abroad.

The company has passed ISO9001, ISO14001, IATF16949 quality management system certification. Its products serials comply with REACH, ROHS, VOC and other testing requirements.

The central laboratory is equipped with industry-leading experimental, analytical and testing equipment. The company has formed 70 independent core technology patents, continuously focusing on strategic emerging fields and key projects.

The company is currently recognized as a National “ Little Giant” Enterprise specializing in unique and innovative technologies, a National High-Tech Enterprise. At the same time, it has formed a relatively high brand name and market competitiveness in China. Provide reliable bonding technology solutions and equipment Solutions for business partners at home and abroad.



Corporate Qualifications



Core Customers



02

Main Products for Adhesives

Suzhou Peiyang New Material Technology Co. Ltd



1. Epoxy Adhesives

Epoxy Adhesives PY5009



Typical applications:

PY5009: Structural bonding, filling, local sealing and potting of electronic appliances, etc.

Epoxy Adhesives PY5241



Typical Applications:

PY5241: Industrial assembly, such as automotive parts, electric motors, heavy-duty equipment, etc.

Epoxy Adhesives PYE420



Typical Applications:

PYE420: Suitable for the industrial assembly industry, motors, etc.

2. UV Adhesives

Acrylic Adhesives PY306



Acrylic Adhesives PY2303



Typical Applications:

PY306: It is used for film coating protection of electronic circuits, providing functions such as waterproofing, anti-mold, anti-corrosion, and anti-aging.

Acrylic Adhesives PY2301



Typical Applications:

PY2303: Suitable for bonding transparent materials such as glass and plastic, as well as for encapsulation and protection of electronic circuit boards and components.

Typical Applications:

PY2301: Suitable for the protection of component solder joints.

3. Acrylic Adhesives

Acrylic Adhesives PY3167



Typical Applications:

PY3167: It can be used for structural bonding of metal, plastic, and composite materials on notebook casings, mobile phone frames, and tablet frames.

Acrylic Adhesives PY3168



Typical Applications:

PY3168: Structural bonding of electronic and electrical products, especially suitable for bonding applications requiring high impact resistance.

Acrylic Adhesives PY3577



Typical Applications:

PY3577: It is used for bonding accessories of electronic and electrical products, and is suitable for the manufacturing and repair of products such as mobile phones, tablet computers, household appliances, and instruments.

4. Polyurethane Adhesives

Polyurethane Adhesives PY7230



Typical Applications:

PY7230: Applied in thermal conduction and bonding for automotive lithium batteries and energy storage units.

PUR Hot-Melt Adhesives PY7526



Typical Applications:

PY7526: Structural bonding of electronic and electrical products, especially suitable for bonding applications with rapid positioning requirements.

PUR Hot-Melt Adhesives PY7680H



Typical Applications:

PY7680H: Structural bonding of electronic and electrical products.

5. Modified Silane Adhesives

Modified Silane Adhesive PY9820



Typical applications:

PY9820: Suitable for various substrates.

Modified Silane Adhesive PY8008



Typical Applications:

PY8008: Suitable for electronic product assembly.

Modified Silane Adhesive PY8201



Typical Applications:

PY8201: Seam and joint sealing for automobile bodies, railway carriages, container manufacturing, shipbuilding, and metal components.

6. Super Instant Adhesives

Instant Adhesive PY401



Typical applications of instant adhesives:

It is used for rapid bonding of metals, plastics, rubber, or elastic materials. It is used for bonding inert surfaces and hard-to-bond materials, as well as porous, acidic surfaces and absorbent materials, such as wood, paper, leather, fabrics, etc.

7. Solvent-borne Adhesives & Silicone Adhesives

**Solvent-borne Adhesive
PY301**



Typical Applications:
PY301: It is used for the film coating protection of electronic circuits, providing functions such as waterproofing, dustproofing, anti-corrosion, salt spray resistance, and anti-aging, thereby improving the reliability of integrated circuits.

**Solvent-borne Adhesive
PY6800**



Typical Applications:
PY6800: Suitable for bonding difficult-to-bond substrates such as PP and PE, as well as substrates like ABS, PVC, nylon, sponge, and foam materials.

**Silicone Adhesives
PY8149**



Typical Applications:
PY8149: It can be used for: frame sealing, pressure sensors, chip bonding, and as the matrix carrier of shielding materials.

**Silicone Adhesives
PY8100**



Typical Applications:
PY8100: 1. Excellent thermal conductivity, flame retardancy and dielectric properties.
2. Suitable for the adhesion, fixation and shock absorption of electronic components as well as the sealing of modules, and complies with the requirements of RoHS and REACH directives.

Remark: If you have requirements for other types of products, we have a professional R & D team that can design and develop products to meet your needs!

Tape processing / Main Equipment of Our Factory



Cutting - splitting machine



Bonding machine



Die - cutting machine



Laser proofing machine



Circular knife machine



Slitting machine

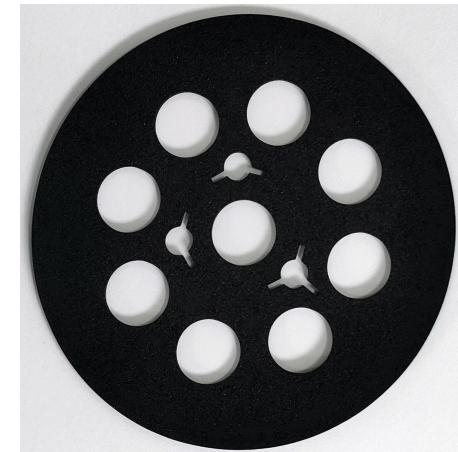
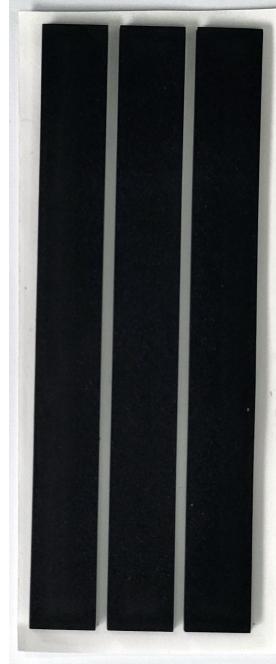
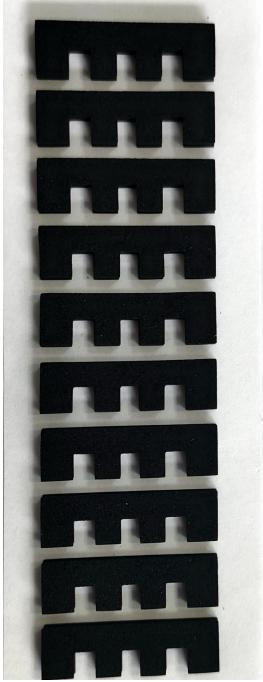


Slice cutter



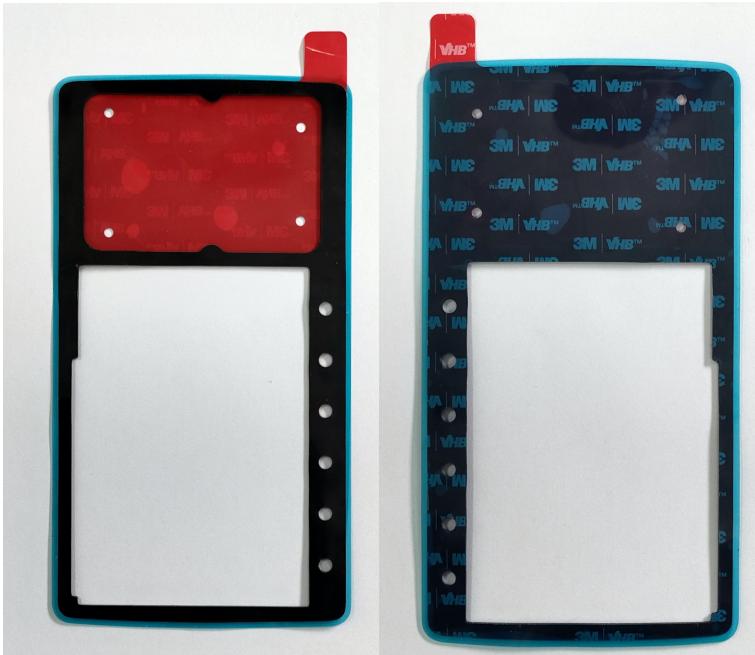
450 asynchronous die - cutting machine

Main Products for Tapes



Foam Tapes

Main Products for Tapes



VHB Tapes

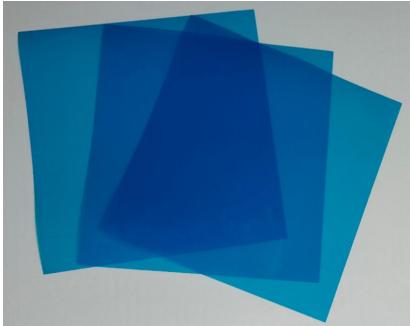
Main Products for Tapes



Foam Tape



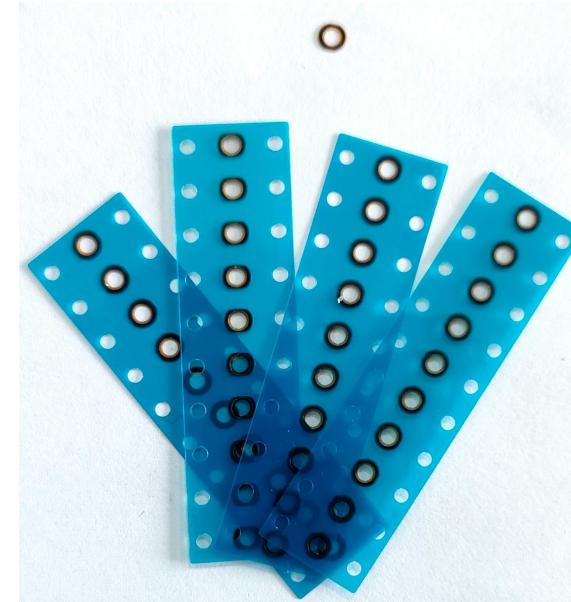
PET High Temperature Adhesive Tape



Cool Off Tape

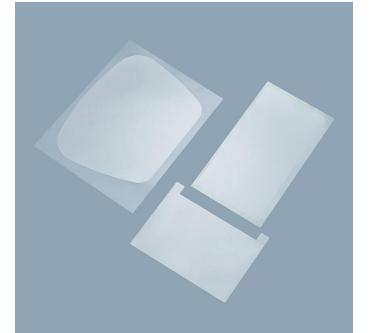
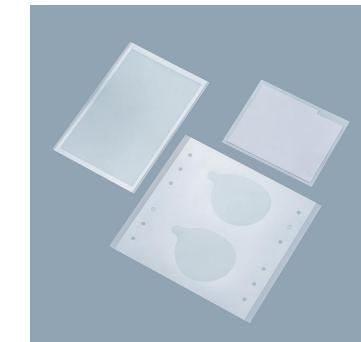
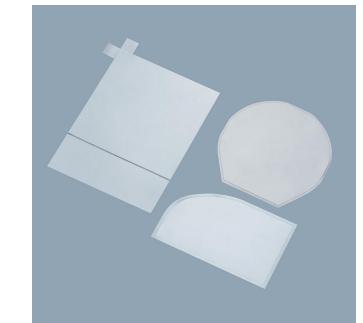
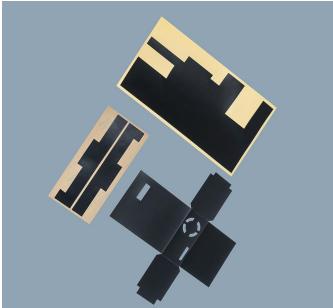
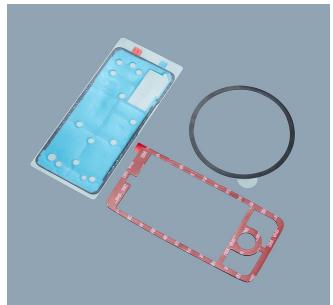
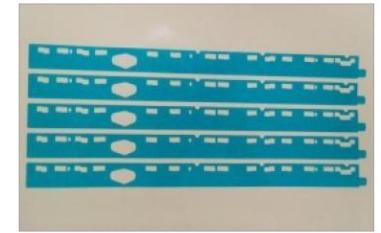
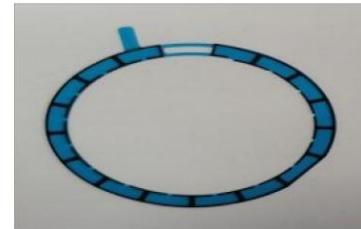
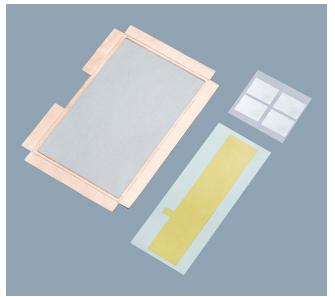


Thermal Release Tape



Double-sided Hot Melt Adhesive Tape

Main Products for Die-cut Parts



Die-cut Parts

Main Products for Protective Films



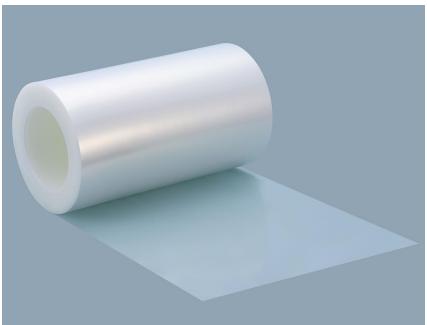
PP Anti-static adsorption yellow film (for brightness enhancement film)



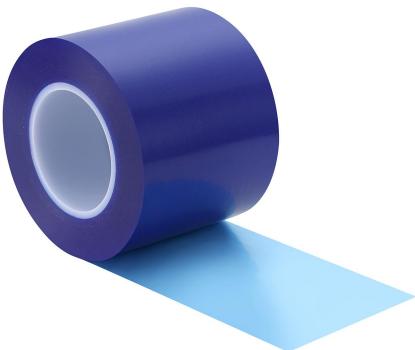
PVC Glued Blue Protective Film (for Wafer Cutting)



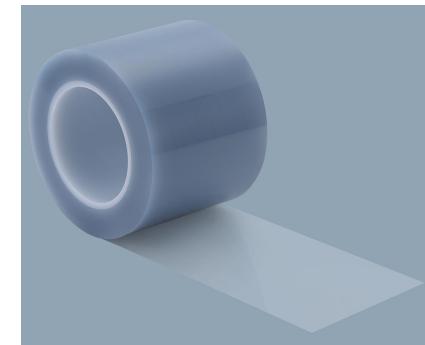
PET Blue double-sided anti-static protective film with adhesive



PE optical grade embossed protective film



PP optical grade adhesive-coated film



PE optical grade adhesive-coated anti-static adsorption protective film

Main Products for Thermal Pads



Thermal Pad SP30 - S
Pink



Thermal pad PY-SP50-S
Dark gray



Thermal Pad PY-SP60-S
White

Whole - line Integration / Application Cases

- Comprehensive automated solutions for dispensing and gluing, ensuring safety, simplicity and high efficiency.



● Plasma treatment

1. Lower temperature leads to better plasma treatment effects.
2. The power is adjustable, and there is a flame - out alarm.
3. The power, current and rotation speed can be read, and alarms will be triggered in case of abnormalities.
4. Remote RS485 communication enables real - time feedback of the working current signal, allowing for accurate determination of whether the load is working normally.

Dispensing station

1. Scan the QR code and pass through the station before dispensing. After completion, start dispensing on the TP product.
2. The vision system has the function of glue path detection and performs closed - loop control on product dispensing.

Online dispensing effect detection

1. Dimension measurement, glue path inspection.

loading and unloading

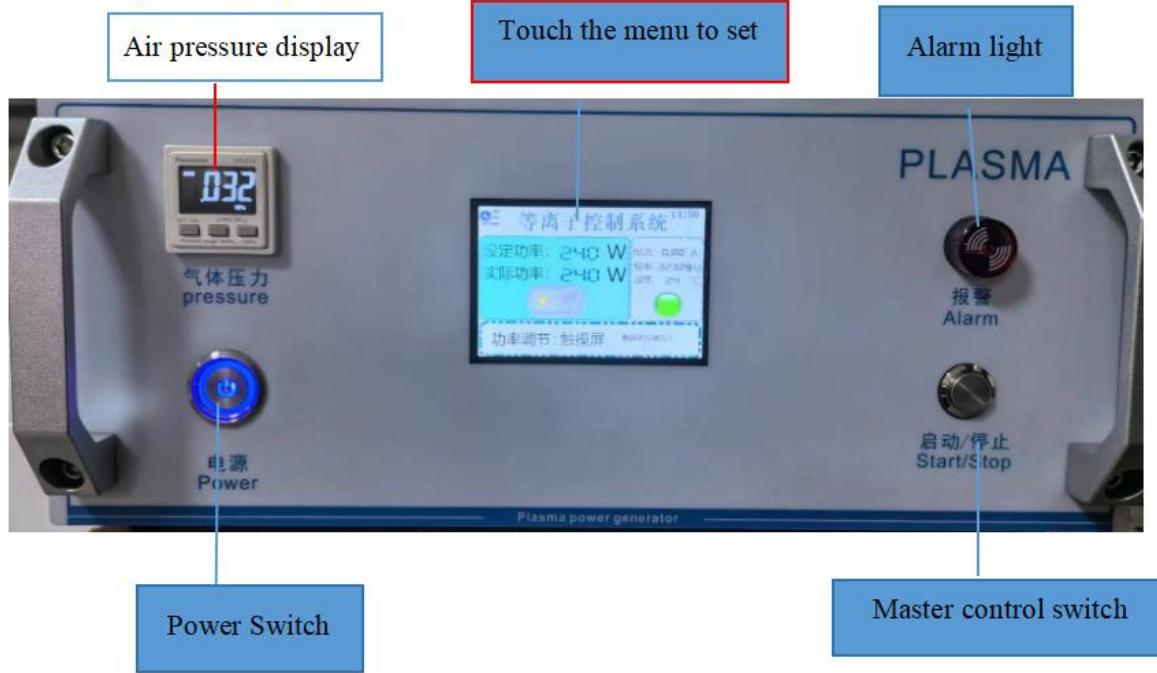
- 1、 Parts feeding by manipulator
- 2、 Return of the jig

Curing station (UV - LED/high - temperature curing furnace)

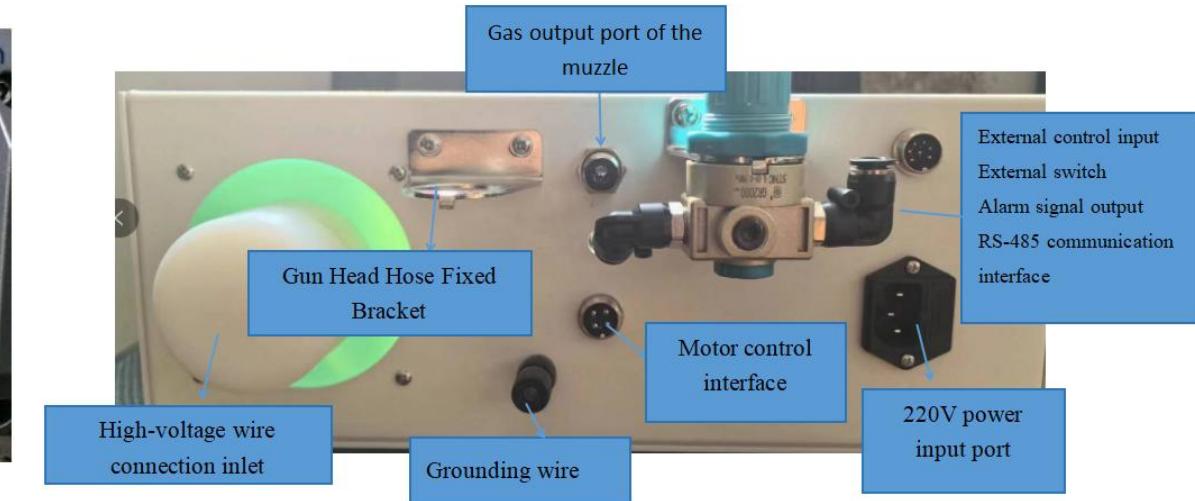
1. First, scan the QR code to pass the station, and then carry out the glue curing after completion.
2. Real-time online monitoring of optical power and temperature to prevent poor curing caused by energy attenuation.

Related Equipment/ Plasma Cleaner

Positive operating surface



Back Functional surface



Industry Applications:

Mobile phone industry, Packaging and printing industry, Plastic and rubber industry, Metal industry, Watch industry, Glass industry, Automotive industry, Absorbent material industry, Nylon material industry, etc.

Related Equipment/ Plasma Cleaner

Equipment Configuration Case:



Mount and use



Use online



Use online

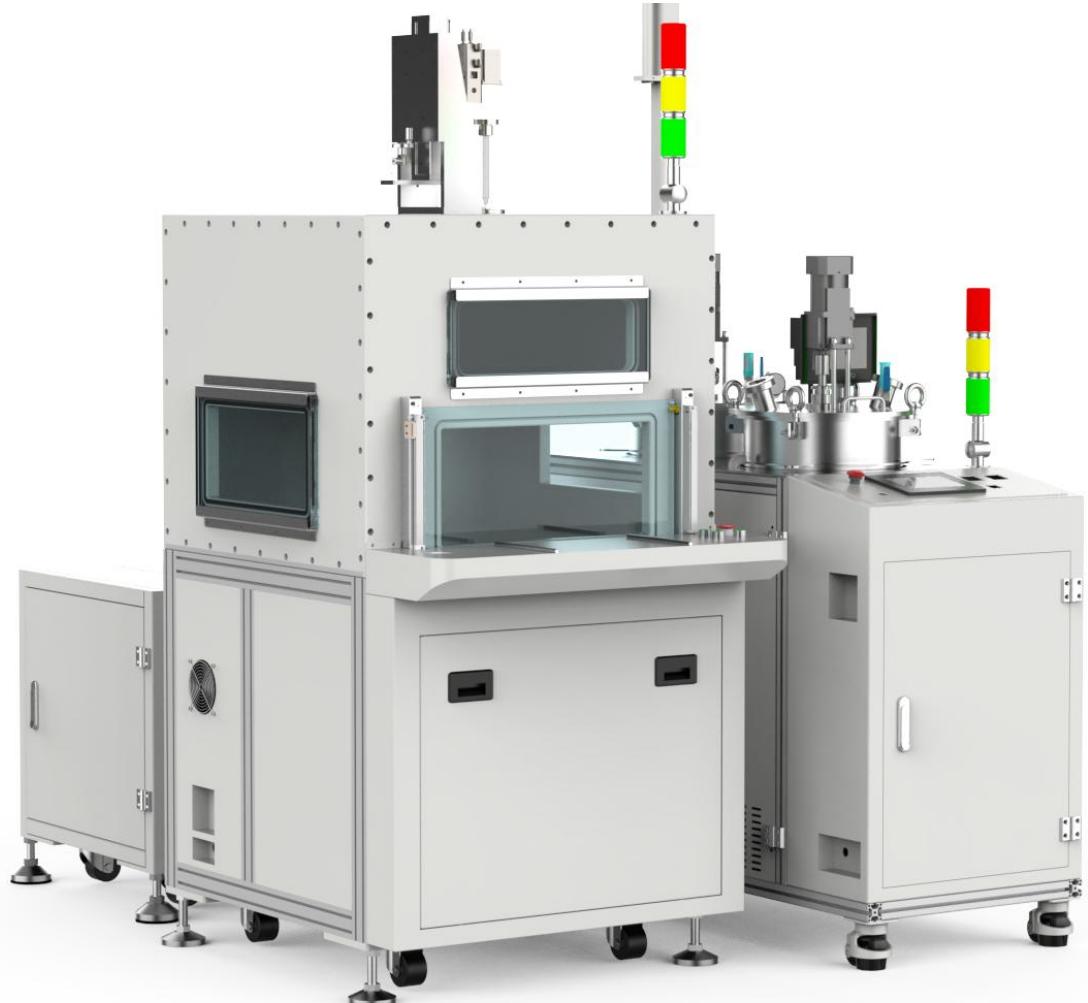


Mount and use

Related Equipment / Conventional Atmospheric Pressure AB Sealing and Filling Equipment Series



Related Equipment/ Vacuum Glue Filling Machine



The vacuum potting machine is a device that performs potting in a vacuum environment, which can improve the quality of potted products.

Its main application industries include automobile manufacturing, capacitor coil potting, etc.

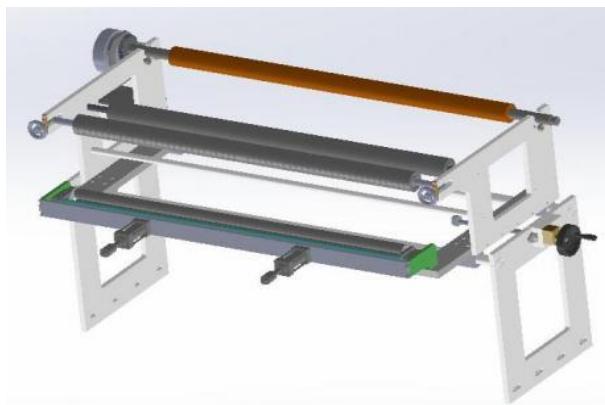
Related Equipment/ Floor-standing Precision Dispensing Series



Related Equipment / Desktop Precision Dispensing Series



Related Equipment / PUR Glue Dispensing Machine



Related Equipment / Edge Folding Machine



Related Equipment / Slitting Machine Series



Film slitter SLD-4211



Film slitter SLD-6124



Packing film slitter SLD-61581

Remark: If you have requirements for other types of equipment, we have a professional R & D team that can provide non-standard customization services for customers and design the equipment you need according to your usage requirements!

Contact Us



THANK YOU!

Address: Third Floor, Building 3, No. 59 Zoumatang Road, Mudu Town, Wuzhong District, Suzhou, China

Telephone: +86-18206210898

E-mail: jichunmei80@gmail.com