

LINKPLUS PTE. LTD.

Professional Disposable Medical Manufacturer



Contact us:

LINKPLUS PTE. LTD.

Add: 10 ANSON ROAD #11-07 INTERNATIONAL PLAZA
SINGAPORE 079903

Website: www.welink-med.com

E-mail: info@welink-med.com

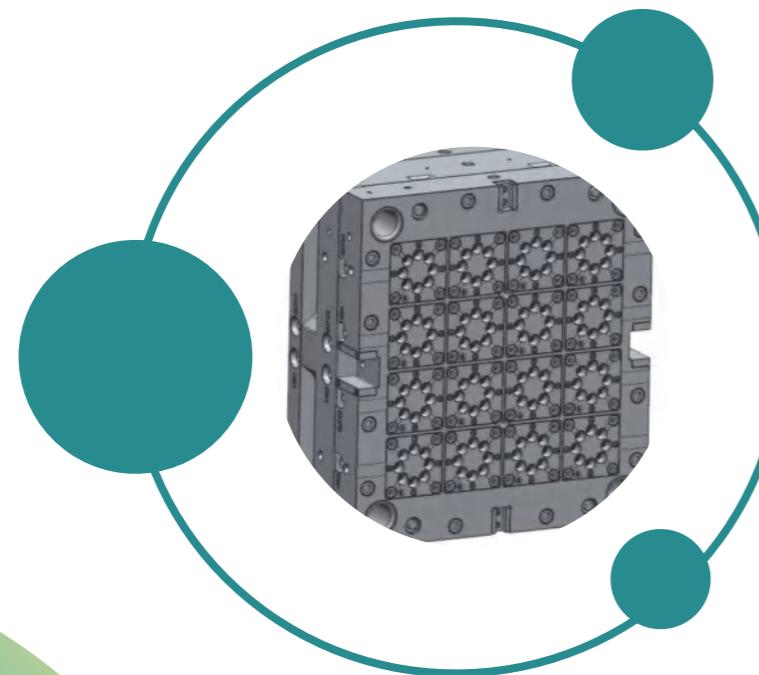
Wechat / WhatsApp: 0086 133 5615 0179

More Than 20 Years Production Experience

Company Introduction

LINKPLUS specializes in the production of medical molds and assembly machines, providing a comprehensive range of solutions for medical device manufacturing. We focus on technology research, development and manufacturing of multi-cavity hot runner and multi-cavity hot runner molds. Our assembly machines are with high precise and quality, easy operating and easy maintain.

With more 20years manufacturing experience, Welink has a first class technology research and development team and the world top manufacturing machines. We have a comprehensive quality control system in place to ensure that our products meet the high standards of quality and precision.



Mold

Cold runner, semi hot runner and full hot runner

Mold list:

- **Syringe luer slip / luer lock**

Barrel mold
Plunger mold
Gasket mold
Gasket mold

- **AD Syringe luer slip / luer lock**

Barrel mold
AD Plunger mold
Gasket mold

- **Safety Syringe luer slip / luer lock**

Barrel mold
Plunger mold
Gasket mold
Insulin syringe
Barrel mold
Plunger mold
Cap mold



- **Insulin pen needle**

- Cap mold
- Hub mold
- Cannula cap mold

- **Needle / Safety needle**

- Hub mold
- Cap mold
- Safety shield mold

- **Infusion set / Blood transfusion set**

- Spike mold
- Airvent mold
- Chamber mold
- Clamp roller mold
- Clamp body mold
- Luer connector mold
- Solution feeder mold
- Lock cap mold
- Two-way valve mold
- Three-way valve mold
- Y-site mold
- Precision filter mold
- Clamp mold

- **I.V. catheter**

- Y-port mold
- Solution feeder mold
- Needle handle mold
- Hub mold
- Cap mold
- Tail seat mold
- Butterfly wing mold
- Anaesthesia needle mold

- **Blood collection needle**

- Hub mold
- Cover mold
- Cap mold
- Butterfly wing mold
- Needle hold mold

- **Dialysis tube**

- Clamp mold
- Cap mold
- Connector mold



WLIBSM High-Speed Integrated Barrel Printing and Syringe Assembly Machine

Machine information:

- It is the integrated machine with barrel printing and syringe assembly machine. It's common used for central slip, eccentric slip and luer lock syringe. All components are automatically fed for printing and assembly.
- The layout area of machine is reduced. The rotation process is reduced, worker is saved and the product pollution is also reduced.
- The machine is with automatic silicon spray system for barrel.
- The ink operation is upgraded to a circulating system to better solve the problems of ink waste and easy solidification.
- PLC controlled. The unqualified products, such as no gasket, no plunger, no needle and so on, will be automatically kicked out.
- Safety cover is optional. When open cover, machine will emergency stop. It's safe to modify and maintenance.
- Visual inspection system is optional. It reduces the unqualified rate.

Technical Parameters:

Assembly Range	1ml	2-3ml	5ml	10ml	20ml	50ml
Assembly Speed	320-370pcs/min	320-370pcs/min	320-370pcs/min	300-340pcs/min	240-280pcs/min	140-180pcs/min
Rated Volt	220V/50HZ					
Product Size	6600x2570x2250					
Power	9kw					
Weight	2000kg		Air Pressure	0.4-0.6MPa		



WLBPM High-Speed Barrel Gravure Printing Machine

Machine information:

- The machine adopts the principle of rolling transfer printing with steel roller and rubber roller to print on the surface of syringe barrel.
Barrel printing is automatic positioning.
- Newest ink supply system, using full automatic circulatory system, it reduces ink waste and keep machine clean.
- Automatic printing system for logo and graduation by hot process for dry.
- With high speed and durability, the production cost is minimized.
PLC controlled.
- Safety cover is optional. When open cover, machine will emergency stop. It's safe to modify and maintenance.
- Visual inspection system is optional. It reduces the unqualified rate.

Technical Parameters:

Printing Range	1ml	2-3ml	5ml	10ml	20ml	50ml
Printing Speed	300-330pcs/min	300-330pcs/min	300-330pcs/min	240-260pcs/min	220-240pcs/min	140-160pcs/min
Rated Volt	220V/50HZ					
Equipment Size	3000x2700x2150mm					
Power	5kw					
Weight	1030kg		Air Pressure	0.4-0.6MPa		



WLSAM High-Speed Syringe Assembly Machine

Machine information:

- The machine can be commonly used for assembly of centric tip, eccentric tip and luer lock syringes.
- The machine can be used for safety syringe or AD syringe.
- With latest technology, it enhances the assembly speed and increases the output PLC controlled.
- Safety cover is optional. When open cover, machine will emergency stop. It's safe to modify and maintenance.
- Visual inspection system is optional. It reduces the unqualified rate.

Technical Parameters:

Assembly Range	1ml	2-3ml	5ml	10ml	20ml	50ml
Assembly Speed	300-330pcs/min	300-330pcs/min	300-330pcs/min	240-260pcs/min	220-240pcs/min	140-160pcs/min
Rated Volt	220V/50HZ					
Equipment Size	4650x2630x2150mm	3050x4000x2150mm				
Power	3kw					
Weight	1500kg		5ml	Air Pressure	0.4-0.6MPa	



WLPSAM Prefilled Syringe Assembly Machine

Machine information:

- Machine can assemble various types of prefilled syringe with centric luer lock tip. The components are automatically fed for assembly.
- With safety cover. When open cover, machine will emergency stop. It's safe to modify and maintenance.
- Machine is with Mitsubishi inverter. All operations are controlled by PLC. It's photoelectric monitoring, automatic stop without materials, automatic start with feeding, high speed assembly and stable performance.
- The contact parts of the machine and products are made of SUS316L. The machine is covered with SUS304 and 6061 oxidized aluminum alloy. MC Nylon is made from food special conveyor belts produced by FDA certified manufacturers, and other parts are far from anti-corrosion treatment.
- The machine will not pollute the product and clean area, and can produce continuously for 24 hours.

Technical Parameters:

Assemble Range	3ml	5ml	10ml
Assemble Speed	200-220pcs/min	220-240pcs/min	200-220pcs/min
Rated Volt	220V/50HZ		
Equipment Size	4326x3123x2150mm		
Power	3kw		
Weight	1440kg	Air Pressure 0.4-0.6MPa	



WLNAME Automatic Hypodermic Needle Assembly Machine

Machine information:

- Machine adopts Keyence PLC control system.
- The panel is easy to operate with touch screen.
- The glue coating mechanism by servo motor is smooth and uniform.
- The detection system adopts Keyence CCD image from Japan.

Equipment parameters :

Output	68000 pcs per hour
Gas consumption	60 cubic per hour
Whole machine power	18KW
Rated pressure	> 0.6MPa
Area covered	11m*3.5m
Equipment weight	About 7 tons
Operators	2 persons

Technical Parameters:

hub load – hub press – cannula load – glue process – oven dry – jam detection – cannula burs and cannula reverse detection by CCD – siliconpr ocess – unqualified products rejection – protection cap load – cap press – finished products discharging



WLSNM Safety Hypodermic Needle Assembly Machine

Machine information:

- Machine adopts Keyence PLC control system.
- The panel is easy to operate with touch screen.
- The glue coating mechanism by servo motor is smooth and uniform.
- The detection system adopts Keyence CCD image from Japan.

Equipment parameters :

Output	18000-20000 pcs per hour
Gas consumption	70 cubic per hour
Whole machine power	18KW
Rated pressure	> 0.6MPa
Area covered	12m*7m
Equipment weight	About 6 tons
Operators	4-5 persons

Technical Parameters:

hub load – hub press – cannula load – glue coating – 1st cannula twirl – 2nd cannula twirl – oven dry – jam detection – cannula burs and cannula reverse detection by CCD – silicon process – unqualified products rejection – protection cap load – cap press - finished products discharging



WLISM Insulin Syringe Assembly Machine

Machine information:

- Machine adopts Keyence PLC control system.
- The panel is easy to operate with touch screen.
- The glue coating mechanism by servo motor is smooth and uniform.
- The detection system adopts Keyence CCD image from Japan.

Equipment parameters :

Production capacity	18000 pcs per hour
Equipment power	6KW
Gas consumption	50 cubic per hour
Rated pressure	> 0.6MPa
Equipment weight	About 6 tons
Equipment size	7m*2.5m
Operators	2-3 persons

Technical Parameters:

barrel load – cannula load – glue coating – oven dry – jam detection – cannula burs and reverse detection by CCD – silicon process – unqualified products rejection – Protection cap load – cap press – finished products discharging



WLIPNM Insulin Pen Needle Assembly Machine

Machine information:

- Machine adopts Keyence PLC control system.
- The panel is easy to operate with touch screen.
- The glue coating mechanism by servo motor is smooth and uniform.
- The detection system adopts Keyence CCD image from Japan.

Equipment parameters :

Production capacity	20000-25000 pcs per hour
Equipment power	15KW
Gas consumption	50 cubic per hour
Rated pressure	> 0.6MPa
Equipment weight	About 12 tons
Equipment size	10m*7m
Operators	3-4 persons

Technical Parameters:

hub load – cannula load – glue coating – oven dry – silicon process – jam detection – cannula burs and cannula reverse detection by CCD – small cap load – unqualified products rejection – big cap load – cap paper – flat press paper – side press paper – finished products discharging



WLPBNM Pen-Type Blood Collection Needle Assembly Machine

Machine information:

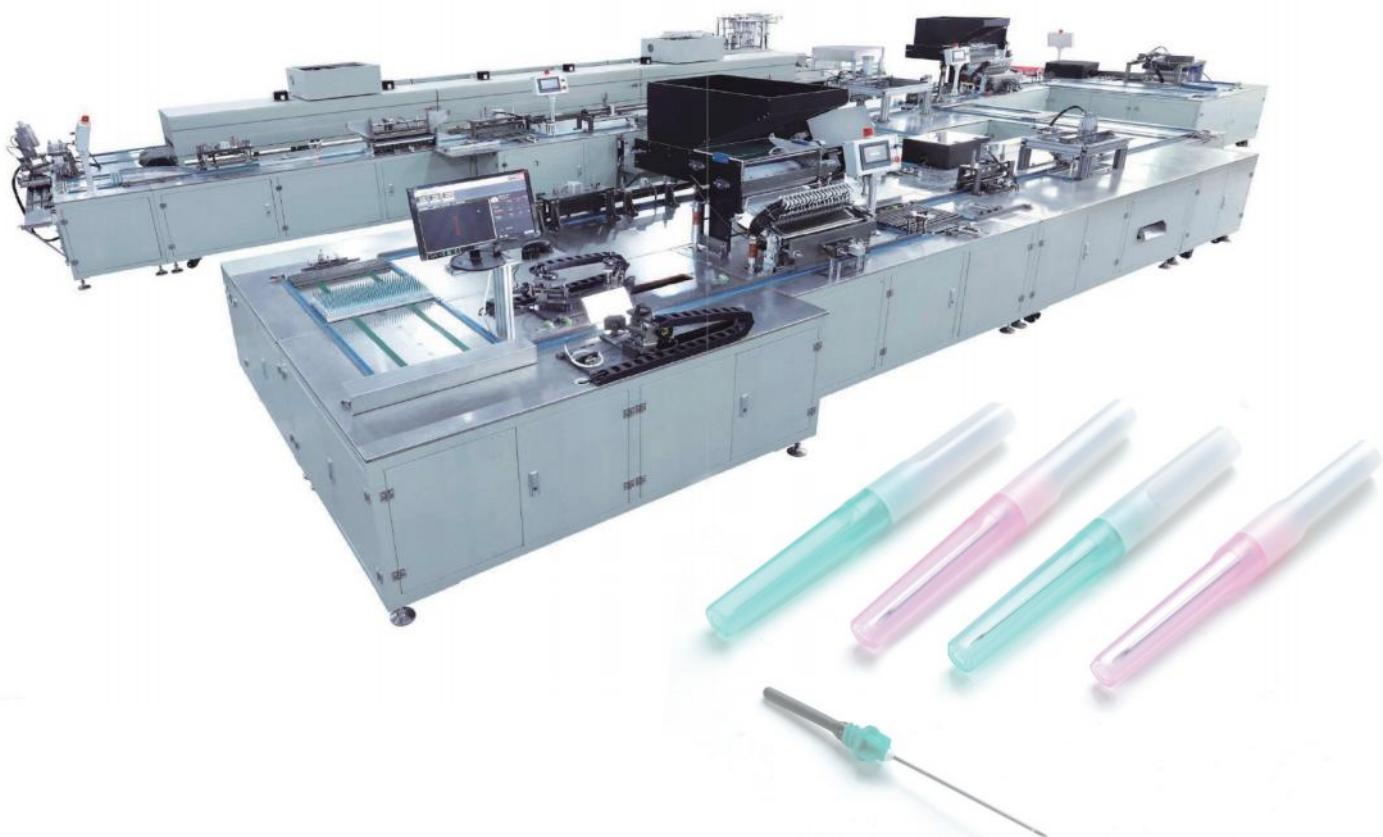
- Machine adopts Keyence PLC control system.
- The panel is easy to operate with touch screen.
- The glue coating mechanism by servo motor is smooth and uniform.
- The detection system adopts Keyence CCD image from Japan.

Equipment parameters :

Output	12000 pcs per hour
Gas consumption	60 cubic meters per hour
Whole machine power	18KW
Rated pressure	> 0.6MPa
Area covered	11m*6m
Equipment weight	About 9 tons
Operators	3-4 persons

Technical Parameters:

hub load – cannula load – glue coating – oven dry – blockage check – cannula burs and cannula reverse detection by CCD – silicon process – jam detection – long sheath load – long sheath press – jigs shift – silicon process – rubber sleeve load – press rubber sleeve – short sheath load – short sheath press - finished products discharging



WLBNM Butterfly Wing Needle Assembly Machine

Machine information:

- Machine adopts Keyence PLC control system.
- The panel is easy to operate with touch screen.
- The glue coating mechanism by servo motor is smooth and uniform.
- The detection system adopts Keyence CCD image from Japan.

Equipment parameters :

Output	11000 pcs per hour
Gas consumption	50 cubic meters per hour
Whole machine power	20KW
Rated pressure	> 0.6MPa
Area covered	11m*3.5m
Equipment weight	About 6 tons
Operators	2-3 persons

Technical Parameters:

wing hub load – cannula load – glue coating – 1st cannula twirl – 2nd cannula twirl – oven dry – jam detection – cannula burs and cannula reverse detection by CCD – silicon process – protection cap load – cap press – finished products discharging



WLBPM Blister Packing Machine

Machine information:

- Machine adopts Keyence PLC control system. The panel is easy to operate with touch screen.
- The glue coating mechanism by servo motor is smooth and uniform.
- The detection system adopts Keyence CCD image from Japan.

Equipment parameters :

Dimension 7650L x 1100W x 1860H	Forming Depth Max, 120mm
Weight 2000Kg	Forming Material Width 425mm, Thick.50-150m, pp+pe, pp+pvc, pet, nylon
Power 3P/380V+N+PE/50Hz, 10KW	Lidding Materials Width ≤415mm, coated or non-coated paper
Maximum Packing Width 400mm	Minimum Packing Width 19mm
Maximum Packing Length 400mm	Minimum Packing Length 50mm
Air Consumption 6Kg/cm ³ , 700L/Min	Working cycle 4-7s
Chilled Water ≈120L/h (<25 °C)	



WLS EO Sterilizer



Part name		Material specification
Cabinet	Tank	SUS 304 stainless steel plate, thickness 8mm
	Heating water	Q235 GB 16# channel steel
	Thermal insulation layer	100kg class rock wool
	Canopy plate	Brushed stainless steel plate with thickness of 1.2mm
	Foot	Q235 GB 16# channel steel
Slide-door components	Door flange	SUS 304 Stainless steel
	Door plate	SUS 304 stainless steel plate with thickness of 8mm
	Door heating channel	SUS 304 Stainless steel
	Door sealx	Automatic internal inflatable silicone seals
Electric heating tank	Tank	SUS 304 stainless steel plate with thickness of 5mm
	Electric heating tube	Stainless steel electric heating tube, single power: 3.5KW
	Thermal insulation layer	100kg class rock wool
	Frame materials	Q235 angle steel 60*60*6
Gasifier	EO gasification tube	SUS304 stainless steel pipe
	Gasification tank	SUS 304 stainless steel plate with thickness of 5mm
	Thermal insulation layer	100kg class rock wool
Control platform		Q235 cold plate surface coated plastic