



**SOUTHERN
MACHINERY**

PROFESSIONAL ELECTRONIC PRODUCTS MANUFACTURING SOLUTIONS PROVIDER

INTRODUCTION

SHENZHEN SOUTHERN MACHINERY SALES AND SERVICE CO.,LTD

The Southern Machinery is a Shenzhen-based company, providing professional automatic insertion machines tailor-made for Electronic Manufacturing Factory. Our team works with recognized experts that have many years of working experience in the industry.

20 YEARS OF EXPERIENCE IN ELECTRONICS MANUFACTURING

As an industry leader with over 20 years of experience in electronic manufacturing, we provide comprehensive guidance from the AI / PCB design (DFM), AI process (NPI) to equipment importing, installation, and auto insertion technology (THT) training, machine troubleshooting/ upgrading/ overhauling / relocating/ fittings. We also offer an affordable line-up of all brand spare parts.

PROFESSIONAL TECHNICAL TEAM

By saving your time and money through getting your PCB Assembly automated, your long-term return on invest (ROI) will also increase with producing PCBs in-house. Working with a proven industry leader allows you to focus on your core business with PCB assembly handled by the proven specialists at Southern Machinery.

PROFESSIONAL SERVICES

We are committed to conducting any level of EMS design work and providing electronic design services. These value-added design services can verify the accuracy and precision of electronic designs, leading to significant improvements for production output and resulting in superior products with higher quality that your target market will love.

GLOBAL EXPORTATION



OUR CLIENTS



FOXCONN®

Schneider
Electric

清华大学
Tsinghua University

JUKI

Electronic Manufacturing / PBA Factory Accessory, Tools Handbook

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- 6, Looking forward to your email: jasonwu@smthelp.com



Shenzhen Southern Machinery Sales and Service Co.,Ltd

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TEL: 0755-83203237 FAX:0755-23240492 Website: www.smthelp.com

The part number and descriptions required for the

Electronic accessories inquiry form					
Customer				Contact	
Title:		Email:		M/P	
Item	P/N	Descriptions	Qty	Rmark	
1	62111-211	Fan	10	Manual Assembly line	

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1. Anti-static tools and supplies

1. ion fan

Features

1. and electrostatic ion quickly.
2. Ion flow coverage area.
3. Stability, can provide a balanced ion flow.
4. The wind adjustment range.
5. Have a special ion emitter cleaner.
6. A dedicated cold heating means.
- 7, have a good grounding protection.



Singl

(Prod

e-head desk fan ion

uct Number:62111-201)



Desktop ion fan (Item:62111-211)



Hanging double fan (Number:62111-302)



Hanging three ion fan (Item:62111-303)



long-fan (Item:62111-309)

2.

ion air gun

functions and features:

1. ahand-held eliminate static electricity specialized equipment
2. simpleinstallation, stable, strong wind speed, static elimination of fast
3. ionairflow coverage area
4. windadjustment range
5. has a good ground protection



enhanced ion air gun (Model:62112-201)

RF ion air
nozzle (Model:62112-101)



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3. anti-static wrist strap, Antistatic tester

3.1. SL-035wrist strap tester

The main monitor whether wearing wrist band, wrist strap detect damage, too loose or broken equipment will alarm, thus ensuring the body's static wrist strap through the release into the earth reliability.

Ambient temperature	0 °C -31 °C
Humidity	0-90%
Size	70 (L) × 25 (W)
weight of	185kg
the test range	750KΩ-10.5MΩ
detection result display	
≤740 KΩ	Lo red light - detecting failure / low resistance
750KΩ - 10.5MΩ	green light -detected by
≥11.5 MΩ	red lightHi - detecting failure / high resistance



1.2. 498wrist strap tester

model	L903498	
indicate	impedancestand	acoustic

	ard	
low 10W<800 kΩ	R	None
good 800KΩ ≤ R	gOOD ≤ 9MΩ	high
9MΩ	hIGH R >	no
dimensions	115 × 80 × 40mm	
power supply	DC 9V	
ground line length	1.8m	

- can be quickly and easily test a variety of grounding system at any location.
- To ensure that every employee safety.
- Eliminate damage caused by static electricity derivative products rose.
- Operating Voltage: 9V
- low resistance Warning: <800K ohms
high impedance Warning: > 10M ohms
- Operating temperature: 0 - 40 degrees Celsius



wrist strap

货号: 62201-201



(Model: 62701-101)

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1.4. with anti-static wrist ground receptacle



(Item:62611-102)



(Item:62611-201)

1.5. Anti-static heel strap



(Item:62709-101)

4.

Anti-static mat

Features:

- wear-resistant, easy to clean, durable use with good anti-acid, anti-alkaline, anti-chemical properties of the solvent
- two-layer structure, surface $\Omega, 10^6-10^9$ resistance:the underlying resistance: $10^3-\Omega^510$
- standard: 1m × 10m × 2mm, 1.2m
- standard color: green, blue, gray



- surface layer has light, matt optional.

(Number:62801-101)

5.

fatigue antistatic / slip mats

Product characteristics:

- a two-layer structure, into three alternative structures;
- permanently anti-static;
- flexibility, rebound strong, easy to clean, easy to move;
- tread surface is steel or spherical pattern slip design safer to use;
- solvent can be acid;
- surface resistivity: staticdissipative layer $\Omega,^{8}10^{9}\Omega-10$ the
conductive layer $\Omega^{3}10^{5}\Omega-10$
- thickness Alternatively, the specification may be customized



(Item:62802-101)



(Number:62802-201)

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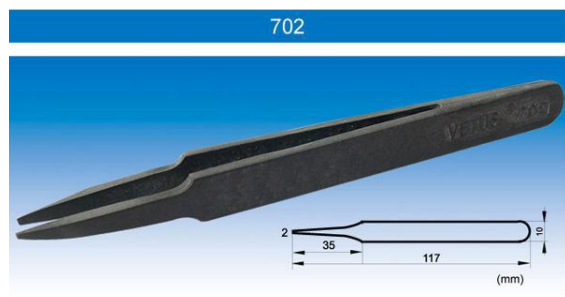
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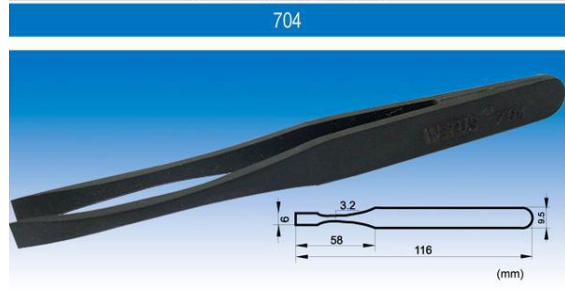
6.

Antistatic plastic forceps conductive fiber (NO: 62301-7xx)

Features: The carbon fiber composite made of special plastic, can be avoided by the conventional anti-static plastic and contaminate the carbon black product can be used for purification levels in 10 or less clean dust-free environment.



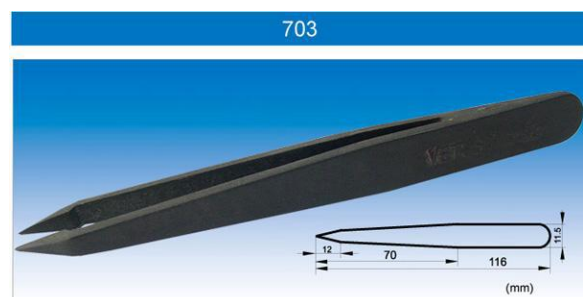
规格 (117mm)
Specification(117mm)



规格 (116mm)
Specification(116mm)



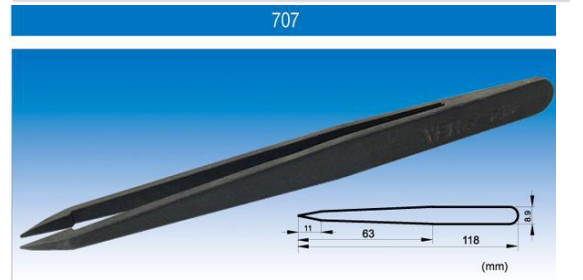
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Specification(120mm)



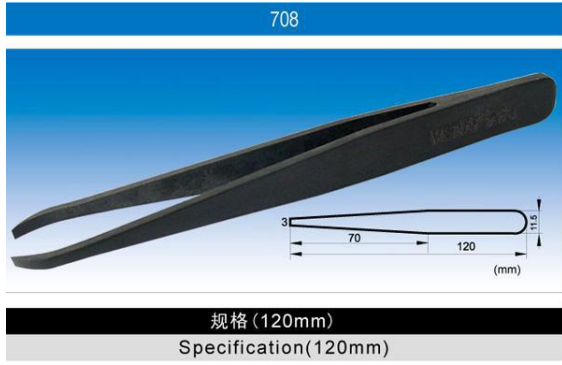
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Specification(116mm)



规格 (116mm)
Specification(116mm)

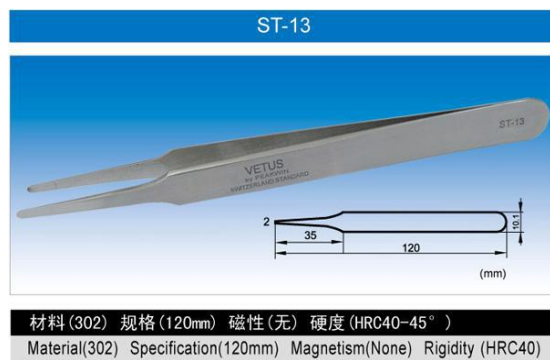
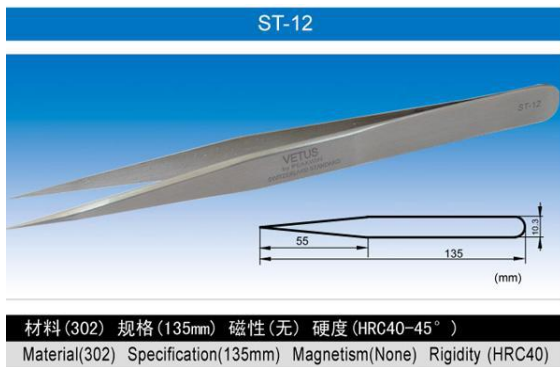
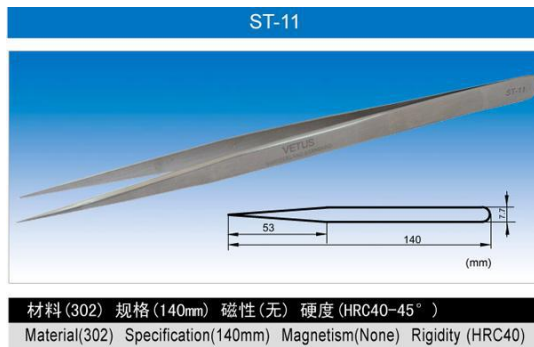


规格 (118mm)
Specification(118mm)



7.

ST Series Super Fine Stainless Steel Tweezer (Item: 62301-2xx)

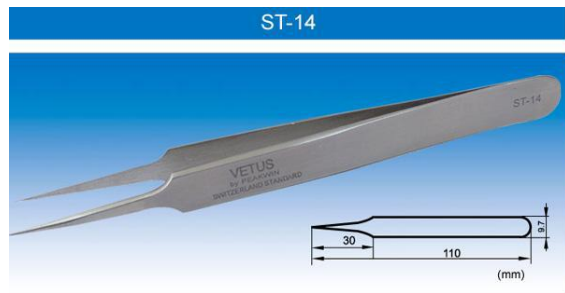


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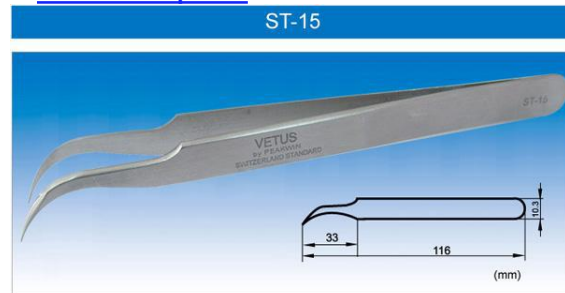
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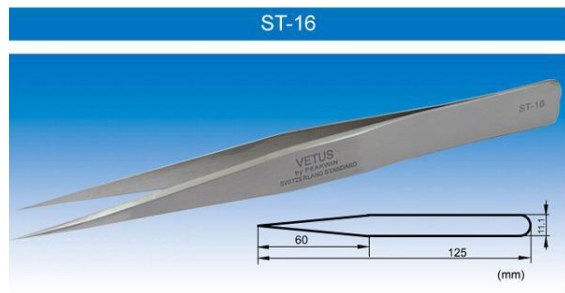
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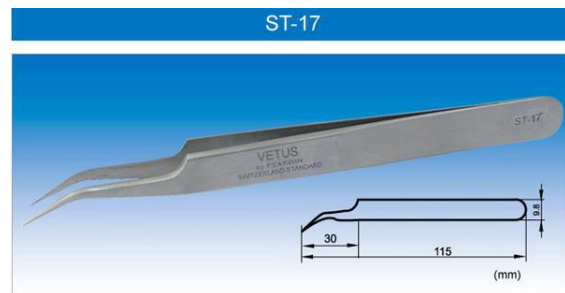
材料(302) 规格(110mm) 磁性(无) 硬度(HRC40-45°)
 Material(302) Specification(110mm) Magnetism(None) Rigidity (HRC40)



材料(302) 规格(116mm) 磁性(无) 硬度(HRC40-45°)
 Material(302) Specification(116mm) Magnetism(None) Rigidity (HRC40)



材料(302) 规格(125mm) 磁性(无) 硬度(HRC40-45°)
 Material(302) Specification(125mm) Magnetism(None) Rigidity (HRC40)



材料(302) 规格(115mm) 磁性(无) 硬度(HRC40-45°)
 Material(302) Specification(115mm) Magnetism(None) Rigidity (HRC40)

8.

Stainless steel
 anti-static
 tweezers (Item: **62301-3xx**)



材料(302) 规格(110mm) 磁性(无) 硬度(HRC40-45°)
 Material(302) Specification(110mm) Magnetism(None) Rigidity (HRC40)



材料(302) 规格(140mm) 磁性(无) 硬度(HRC40-45°)
 Material(302) Specification(140mm) Magnetism(None) Rigidity (HRC40)



材料(302) 规格(135mm) 磁性(无) 硬度(HRC40-45°)
Material(302) Specification(135mm) Magnetism(None) Rigidity (HRC40)



材料(302) 规格(120mm) 磁性(无) 硬度(HRC40-45°)
Material(302) Specification(120mm) Magnetism(None) Rigidity (HRC40)



材料(302) 规格(110mm) 磁性(无) 硬度(HRC40-45°)
Material(302) Specification(110mm) Magnetism(None) Rigidity (HRC40)



材料(302) 规格(116mm) 磁性(无) 硬度(HRC40-45°)
Material(302) Specification(116mm) Magnetism(None) Rigidity (HRC40)



材料(302) 规格(125mm) 磁性(无) 硬度(HRC40-45°)
Material(302) Specification(125mm) Magnetism(None) Rigidity (HRC40)



材料(302) 规格(115mm) 磁性(无) 硬度(HRC40-45°)
Material(302) Specification(115mm) Magnetism(None) Rigidity (HRC40)

1.

Wafer chucks of the wafer tweezers (NO: 62301-6xx)

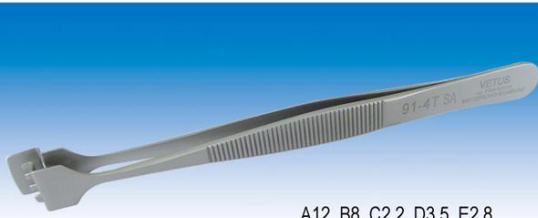
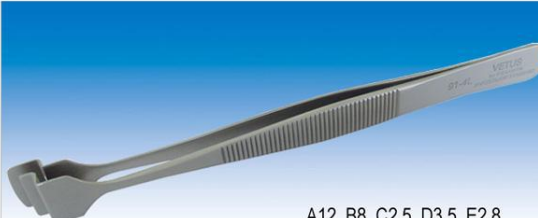
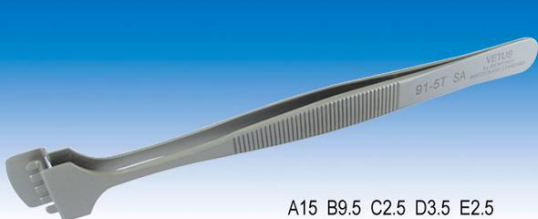


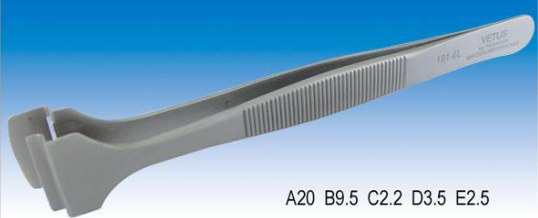


Features: a handle designed as magnetic stainless steel. Symmetry and balance are superb, polished tail, no scratches. Can prevent the damage to the surface layer a greater degree of wafer; the wafer surface with special coating forceps, comfortable feel.

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<p>91-4T</p>  <p>A12 B8 C2.2 D3.5 E2.8</p>	<p>91-4L</p>  <p>A12 B8 C2.5 D3.5 E2.8</p>
<p>材料(302) 规格(125mm) 磁性(无) 硬度(HRC30-35°) Material(302) Specification(125mm) Magnetism(None) Rigidity (HRC35)</p>	<p>材料(302) 规格(125mm) 磁性(无) 硬度(HRC30-35°) Material(302) Specification(125mm) Magnetism(None) Rigidity (HRC35)</p>
<p>91-5T</p>  <p>A15 B9.5 C2.5 D3.5 E2.5</p>	<p>91-5L</p>  <p>A15 B9.5 C2.5 D3.5 E2.5</p>
<p>材料(302) 规格(140mm) 磁性(无) 硬度(HRC30-35°) Material(302) Specification(140mm) Magnetism(None) Rigidity (HRC35)</p>	<p>材料(302) 规格(130mm) 磁性(无) 硬度(HRC30-35°) Material(302) Specification(130mm) Magnetism(None) Rigidity (HRC35)</p>
<p>91-6T</p>  <p>A20 B9.5 C2.2 D3.5 E2.5</p>	<p>191-6L</p>  <p>A20 B9.5 C2.2 D3.5 E2.5</p>
<p>材料(302) 规格(130mm) 磁性(无) 硬度(HRC30-35°) Material(302) Specification(130mm) Magnetism(None) Rigidity (HRC35)</p>	<p>材料(302) 规格(140mm) 磁性(无) 硬度(HRC40-45°) Material(302) Specification(140mm) Magnetism(None) Rigidity (HRC40)</p>
<p>91-3T</p>  <p>A9 B8 C2.5 D3.5 E2.2</p>	<p>15-FW</p>  <p>A9 B8 C2.5 D3.5 E2.2</p>
<p>材料(302) 规格(140mm) 磁性(无) 硬度(HRC30-35°) Material(302) Specification(140mm) Magnetism(None) Rigidity (HRC35)</p>	<p>材料(302) 规格(115mm) 硬度(HRC65°) Material(302) Specification(115mm) Rigidity (HRC65)</p>

2.

Antistatic vacuum
suction pen



vacuum wand rod
(Model:62302-101)



Desktop vacuum wand
(Number:62302-901)

3.

antistatic brush,
antistatic liquid



Antistatic Brush (Part No. :62303-100)



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Domestic anti-static liquid ([Item:62501-101](#)) 3M static fluid ([Item:62501-901](#))

2. Clean room, clean room supplies

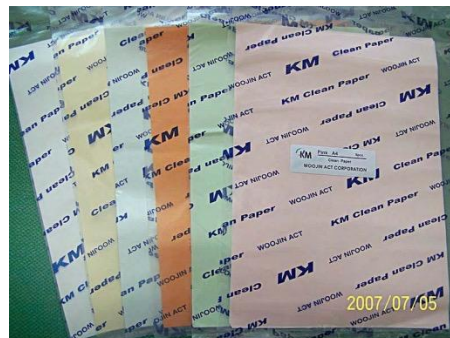
2.1. clean room office stationery

- cleanpaper ([Item:66901-100](#))

dust-free printing paper is dedicated to transcribe recorded as clean clean room applications designed for print. By polymerization process, the fibers and particles are tightly bound in a clean paper, and can reduce the generation of static electricity. Paper variety, run on any printer or copier, for 10-10000 class clean room clean.

The company offers: a variety of sizes (A3, A4)

Various colors available (white, blue, dark blue, green, orange, orange, pale yellow, etc.)



NO Number	Name / Color	weight	Size	Package
SDW-202-4001	White	72g 80g/	/A4A3	250 sheets / pack, 10 packs /box
SDW-202-4002	blue	72g 80g/	/A4A3	250 sheets / pack, 10 bag / box
SDW-202-4003	dark blue	72g 80g/	/A4A3	250 sheets / pack, 10 packs / box
SDW-202-4004	green	72g 80g/	/A4A3	250 sheets / pack, 10 packs / box
SDW-202- 4005	light green	72g 80g/	/A4A3	250 sheets / pack, 10 packs / box
SDW-202-4006	orange	72g 80g/	/A4A3	250 sheets / pack, 10 packs / box
SDW-202-4007	orange	72g / 80g	A4 / A3	250 sheets / pack, 10 packs / box
SDW-202-4008	pale yellow	72g 80g/	/A4A3	250 sheets / pack, 10 packs /tank

- **purifyinglaptop**

is designed for notebook clean dust-free clean room writing paper, the paper is too special Philippine side to reduce the dust pollution problems of traditional paper. Lasting durability. Usually more easily absorbed than the ink sheet, a smooth surface, to reduce wear, and can reduce the generation of static electricity.

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Environmental Binding (Number: 66902-100-200)

Binding (Number: 66902-

Number	Name / Color	Weight	Size	Package	binding
SDW-202-5001	dustNotebook - White	72g	A4	50 pages / present, /package	coilEdge
SDW-202-5002	cleannotebook - white	72g	A4	50 pages / present, /packet	Binding Edge
SDW-202-5003	clean notebook - white	72g	A4	20 pages / present, 10 /bag	spiral sealedges
SDW-202-5004	cleannotebook - white	72g	A4	20 pages / present, 10 / package	Binding edge
SDW-202-5005	cleannotebook - white	72g	A5	50 pages / present, 10 / package	helical edge
SDW-202-5006	clean notebook - white	72g	A5	20 pages / present, 10 / package	Binding Edge

- **cleanroom ballpoint/purgemarker**

marker clean room is really clean penused inESDantreatmentBall,when used to prevent static friction and the paper, ink does not containNa,applicable toClass 10clean room purification.

Location: United States, imported



Cleanroom ballpoint pen

Cleanroom marker (fine) (crude)

(Number:66903-101)

(Item No:66903-200)

NO Number	Name Name	line width Line width	Packing packaging	Color
Color SDW-202-6001	purification ballpoint	0.5MM	12 / box, 12 boxes / carton	black / blue
SDW-202-6002	marker purification	0.5MM	12 / box, 12 boxes / carton	black / red / blue
SDW-202-6003	purge marker	1.0MM	12 / box, 12 boxes / carton	black / red / blue

1.2. cloth clean

- polyester clean cloth (Product Number:66502-100)

applies: one hundred-between 10,000 clean dust-free, GMP, clean room ordinary electronic shop

material characteristics:

low elastic knitted polyester fiber, textured, plain;

100%polyester continuous long fibers into a product by the most advanced laser cutting edge banding machine perfect edge and will not leave lint particles after cleaning, decontamination capability;

purification level: one hundred;



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strong absorbency and oil;

low use dust off fiber shedding and

size specifications: 9 * 9 inches, 6x6 inches, 4x4 inches, 12 by 12 inches, the size can be customized as required.

Applicable Wipe:

glass or wiping smooth surfaces;

worktable wiping, the wiping tool, a semiconductor device surface, the surface precision instruments;

wipe the screen, PCB, motor

Type	Weight (g / m ²)	water- absorb g	packaging	for the cleangrade
SDW1001	115G	300ML / M ²	150 sheets / pack, 20 packs / box	SDW1002370ML
	135G	10- 10000/ M ²	150 sheets / pack, 20 packs / box	SDW1003460ML
	165G	10- 10000/ M ²	150 sheets / pack, 20 packs / box	10- SDW1004
10000	115G	300ML / M ²	150 sheets / pack, 20 packs / box	SDW1005370ML
	135G	10- 10000/ M ²	150 sheets / pack, 20 packs / box	SDW1006460ML
	165G	10- 10000/ M ²	150 sheets / pack, 20 packs / box	10 -10000

- **microfiber polishing cloth (product Number: 66502-200)**

material characteristics:



the product consists of very fine continuousT / Cmeet the microfine long fibers knitted together, excellent softness, compact structure fine, not to hurt the sensitive surface ;

laser cutting, patented technology Edge perfect;

super little dust, good water and oil absorption, chemical solvent resistance, low volatile residue;

can effectively remove dust and organic pollution, safety thoroughly cleaned easily scratched surface the optical device in various glasses, there Surface, the surface of the chip and precision electronic components. cleaning, polishing products, such as the head, like plastic surface;

ultrafine models can be directly used to remove dust cloth wipe clean, wipe products such as semiconductor chips

Within a clean room clean up resistance18Mdeionised waterohms;wash;

size specification:9 * 9inches, 6 * 6inches, 4 by 4inches, 12by 12inchesinches, and can be customized according to the desired size;

scope:

suitable for semiconductor, microelectronic, integrated circuits, optoelectronicLED /LCD,precision instruments, aerospace industry, printed circuit boards, patches, bio-pharmaceutical, medical, life science and other technology-intensive high-tech industries.

Applies to ten-dust-free clean room,GMPclean room, common electronic workshop.

Model	Weight (g / m2)	water absorp tion	Packing	for cleanlevel
85-105G	SDW2001	320ML / M2	150 sheets / pack, 20 packs / box	SDW2002
10-10000	85-105G	320ML / M2	150 sheets / pack, 20 pack / me	SDW2003 85-105G
	10-10000	320ML / M2	150 sheets / pack, 20 packs / box	SDW2004460ML
	160G	10-10000/ M2	150 sheets / pack, 20 packs / box	SDW2005

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10-10000	180G	500ML / M2	150 sheets / pack , 20 packets / box	SDW2006520ML
	185G	10-10000/ M2	150 sheets / pack, 20 packs / box	SDW2007520ML
	215G	10-10000/ M2	150 sheets / pack, 20 packs / box	SDW2008510ML
	185G	10-10000/ M2	150 sheets / pack, 20 packs / box	SDW2009
10-10000	195G	480ML / M2	150 sheets / pack, 20 packs / box	SDW2010564ML
	200G	10-10000/ M2	100 sheets / bag, vacuum packaging	SDW2011575ML
	220G	100-10000/ M2	100 sheets / pack , vacuum packaging	SDW2012289ML
	110G	100-10000/ M2	100 sheets / bag, vacuum packaging	100-10000

- high-performance green cloth (Product Number:66502-300)



material: high-tech materials a water soluble PVA and fiber special surface treatment process into, cold cutting Edge cutting mode, better clean, dust and grease before the object surface, able to absorb more than its own weight 10 times of liquid .

Features: soft, to be polished surface without causing any harm, fast absorbing oil and liquids;

Scope: microelectronics and semiconductor assembly, aerospace assembly, assembly of high precision instruments, automobile manufacturing, precision instruments and machinery manufacturing, assembly, metal assembly , printing other

and products model products	size specifications size	packaging
Wipes / Unit SDW-WIP-10012	white	50 / bag, 20 bags / box
	SDW-WIP-10009 9 " *white	100 / bag, 20 packets / box

- wipe clean paper (Model: 66502-400)

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wipe clean paper/industrial wipes/purification cotton/swab

characteristics:

excellent wiping effect birth, with the anti-static function, high water and oil absorption, soft and not damage to wipe the surface; it has a high adsorption efficiency and excellent cleaning, for sensitive graze the surface of the object;

material:55%virgin pulp inlet,45%polyester fiber, composite spunlace wipes.

Specifications:9 * 9inches, 6x6inches.

Application: precision instruments, aerospace industry, optoelectronic devices, microelectronic, integrated circuit, a semiconductor chip production, assembly line microprocessor, LCDdisplay products, circuit board production, the PDBproducts, Laboratory clean workshop production line.

Wipe applicable:

a universal routine cleaning of each wet wipe sheet was preparedthe

in dry and wet state has a high humidity

acid, an anti-most chemical agents, resistant to the solvent sector

Antistatic low dust can effectively control the of static electricity

amountrepeatedly applied

that is economical and clean, is the most widely used hand paperbetween the electronics and semiconductor industry of cleaned in the production of

model	weight (g / m)	water absorbent	packaging	for clean grade
85-105G	SDW-2020609	20ML / M2	300 sheets / package, the package 10 / box	
		100-10000 SDW-2020606 85-105G 320ML / M2	sheets / pack, 10 packs /box	100-10000

- industrial wipes (Part No. :66502-500)



type	weight (g / m)	water-absorbent	packaging	for the clean grade
35-50G 236ML		SDW-2021003/ M2	100 sheets / pack, 30 packs /tank	100-10000

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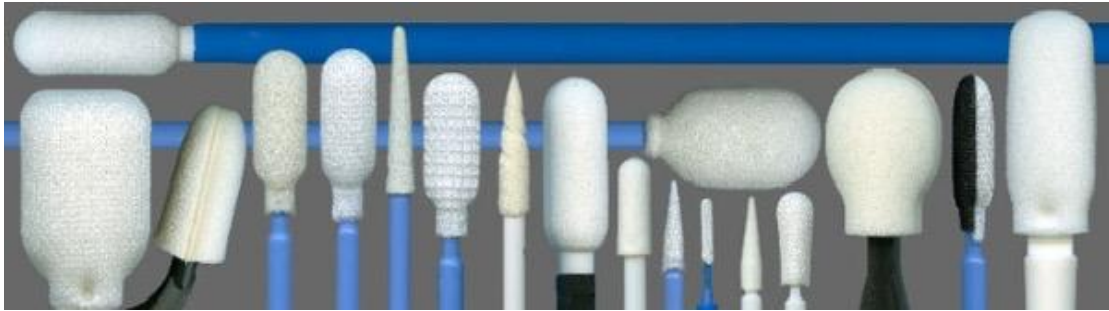
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**1.3. decontamination
wipes cotton**

- purificationswabs **(Cat:66503-100)**



- club head wiper **(Product Number:66503-200)**



- purified cotton swab **(Number:66503-300)**



double cotton

1.4.

sticky mat, sticky roller and supplies sticky

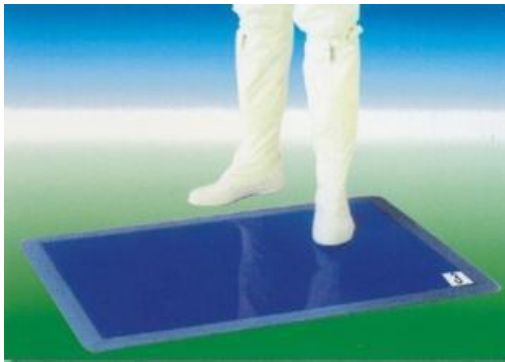
- sticky mat (Product Number:66504-100)

sticky mat made of high quality materials and low-density polyethylene grade water-soluble binder made after special treatment Made uniform surface tack.

Product Description:

This product is mainly applicable to paste on the space required between the entrance dust purification or buffer, can effectively adhered dust on the soles and wheels, the influence of dust to minimize environmental quality in addition to purification, to achieve simple dust effect, to solve the other mats dust removal is not complete can not guarantee non-proliferation issues.

Scope: semiconductor, microelectronic, integrated circuit, optoelectronic devices, precision electronics manufacturing, computers, LCD,instruments, and other medical and pharmaceutical



effect sticky mat



sticky mat mounting step

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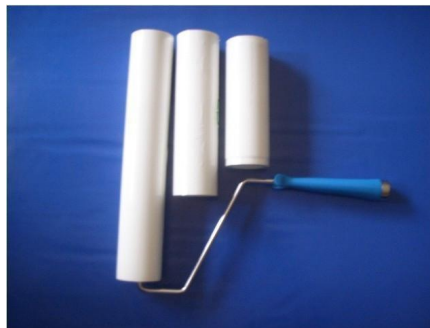
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NumberNO	NameName	sizeSize	PackagePacking	ColorColor
SDW-DD-1836	sticky mat	18 "*" 36"	30 / present, 10 /box	blue
SDW-DD-2436	sticky mat	24 "*" 36"	30 / present, 10 /box	bluecolor
SDW-DD-2645	sticky mat	26 "*" 45"	30 / present, 10 /box	blue

- sticky roller **(Model:666505-100)**

sticky roller is mainly used for a high degree of cleanliness required clean room and production sites, various objects to remove surface dust and dirt, can be used as dust-free clean room, clean room walls, ceilings cleaning at



sticky roller (blue)

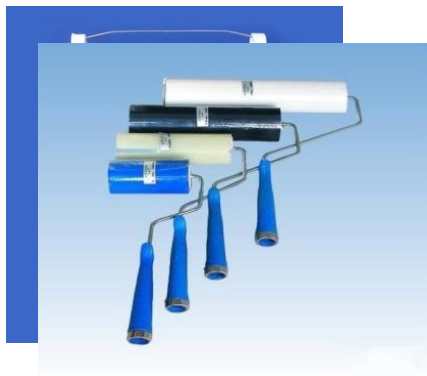
Sticky Roller (white)

NONumber	Name Name	SizeSize	Package Packing	Color
Color SDW-209-1004	sticky roller	4 inches	10rolls / bag	blue / white
SDW-209-1006	sticky roller	6 inches	5rolls / bag	blue /white

SDW-209-1008	sticky roller	8 inches	5rolls / bag	blue / white
SDW-209-1010	sticky roller	10 inches	5rolls / bag	blue / white
SDW-209-1012	sticky roller	12 inches	5rolls / bag	blue / white

- sticky holder (NO:66505-300)

sticky sticky roller holder and supporting the use of



stickyholder-1
 sticky clear ceiling covering bracket
 stent-2
 wall the long



NOnumber	namename	size size	packaging packing	suitable drum
SDW-209-2004	sticky holder	4 inches	10rolls / bag	4 inch roll
SDW-209-2006	sticky holder	6 inches	5rolls / bag	6 inchroller
SDW-209-2008	stickyholder	8 inches	5rolls / bag	8 inch drum
SDW-209-2010	sticky holder	10 inches	5rolls / bag	10 inch drum
SDW-209-2012	sticky holder	12 inches	5rolls / bag	12 inchcylinder

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- silica gel sticky wheel

Features: cleaning roller silica dust having a self-adhesive products, fast remove all small particles in the manufacturing process of electronic products produced, Mass, fiber, copper shavings, dust, etc., thereby improving the yield of an electronic product. With sticky paper recycling, rubber tire can ensure long-term effective self-adhesive.

Features: high, medium, low viscosity and no selection of different viscosity, high viscosity to ensure the durability of the product, not aging, not litter, antistatic, abrasion moisture moisture, non-toxic rust pollution; feel comfortable using.

Application: circuit boards, optical factory, printing, silk screenPCB, factory, LCDmanufacturing process, the light guide sheet, film precision printing, SMT, clean rooms, electronic and semiconductor industries.

Silica gel sticky wheel (wheel patch film)



on silica gel sticky wheel (plastic handle)

(Number:66505-401)



Silica gel sticky wheel (handle all aluminum frame carrier)

(Number:66505-402)



silica gel sticky wheel (handle wide frame)

(Number:66505-403)



Silica gel sticky wheel (handle black aluminum frame aluminum)

(Item No:66505-404)

NO Number	Name Name	Size Size	Package
Packing SDW-209-3004	tacky rollersilica gel	4 inches	/ bag
10rollsSDW-209-3006	silica tacky roller	6 inches	/ bag
5rollsSDW-209-3008	Silicone tacky roller	8 inches	/ bag
5rollsSDW-209-3010	silica tacky roller	10 inches	/ bag
5rollsSDW-209-3012	silica tacky roller	12 inches	5rolls / bag

1.5. purification clean mop

purificationcleaning mop head g reusable, replaceable ,cut costs.



Dust mop SDW-FW-4302

(mop head size:900 *170MM)

(Number:66505-501)



dust mop SDW-FW-4301

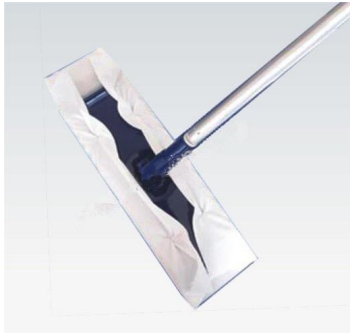
(Item:66505-502)

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Purification mop plate type SDW-FW-4201
 mop SDW-FW-4303

purification

(mop head size:450 *150MM) (mop head size:1200 *170MM)

(Number:66505-504)

(Number:66505-505)

3. welding tools and supplies

3.1.

electric iron, the

- **MX-500S** standard repair welding and electronic desoldering system

(Model:23361-911)

American OKI company MX-500 soldering system recognized as the world's most desirable electronic soldering and desoldering equipment. It has a flexible, fast, powerful features and many other advantages, its welding and desoldering functions to enhance the technological level of electronic welding to a new level of process control.



improved welding productivity at low temperature overcomes the traditional energy stored in the iron tip slow heating, the disadvantages of low productivity, OKI soldering because the use of Smart heat techniques energy can be sent directly to the pads, and then the welding speed is obtained at low temperatures faster, safer temperature recovery characteristics.

Multifunction

application

Host with a power supply, MX500a welding system can be accomplished SMT more soldering through hole and the puller work through two output ports, you can choose from three welding tools (ordinary welding handle, tweezers, vacuum gun handle) any combination of two tools working. It is the most powerful currently on the market welding tool. Automatic shutdown performance as the host with energy, extended life, safe and convenient use of the

product model description:

MX-500S-11	dual outlets welding system,
100/120 VAC MX-500S	dual outlets welding System, 220/240 VAC

configuration Product Preparation:

		Description
Model	MX-500S	dual outlets welding system
includes	MX500P	dual-outlet power host
	MXRM3E	strip line welding handle
	MX-WS4	iron bracket
	AC-YS3	sponge
	AC-CP2	Cartridge Removal pad

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Note:MX500 Without tip whenseries host sale,220V main power supply linesold without

may bethe optional tip has aSTTCtipseriesand aSMTCTipseries

- **MX-5020 welding system(Cat:23361-921).**

MX-5020 comprising the new Metcal UltraFine welding handle.the handle using the new UFTC tip, the tool is designed for micro welding and repair welding member designed,can be PCB welding joints on the communication devices and high density prevented.latest series UFTC tip of size 0.2mm(0.0078inches) tomm(0.0471.2inches).toSTTCComparedseries, they have a relatively small geometrical dimensions and a lower heat capacity, low heat capacity for welding small components and devices. Specifications:

Operating temperature range	10-40 °C
maximum case temperature	55 °C
Input line voltage	100-240V
line frequency of the input	50 / 60Hz
power	Maximum 125W
output power of	ambient temperature is 22 °C the maximum 80W
output frequency of	13.56 MHzC
the power supply line(3 core)	183CM 18/3 SJT
size	121(width)* 130(diameter)* 235 (H) mm

weight	3.35Kg
authentication/identification	cTUVus, CE
tip earth potential	<2Mv RMS
tip to ground resistance	<2Ω
idle temperature stability	in still air± 1.1 °C
Handle to the heat core length	122CM-retardant, anti-static (ESD)
iron frame size of	86 (width) * 191 (diameter) * 83 (H) mm
weight iron frame	0.476Kg

MX-5020 system include:

model	Description
MX-PS5000	power to the host 100-240 volt
MX-H2-UF	Welding handle
MX-W1AV	Support 

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Optional UFTC tip

- **MX-5041** tweezers soldering and rework Precision Systems **(Cat:23361-931)**

MX-5041 combines Metcal Advanced™ precision tweezers handle and handle. It gives users maximum flexibility for a variety of welding work and rework surface mount devices. When access to the handle, just click the output selection switch, the tip in a few seconds to reach operating temperature.

Specifications:

Operating temperature range	10-40 °C
maximum case temperature	55 °C
Input line voltage	100-240V
line frequency of the input	50 / 60Hz
power	Maximum 125W
output power of	ambient temperature is 22 °C the maximum 80W
output frequency of	13.56 MHzC
the power supply line(3 core)	183CM 18/3 SJT
size	121(width)* 130(diameter)* 235(H) mm
weight	3.35Kg

authentication/identification	cTUVus, CE	
tip earth potential	<2Mv RMS	
tip to ground resistance	<2Ω	
idle temperature stability	in still air± 1.1 °C	
Handle to the heat core length	122CM-retardant,	anti-static (ESD)
iron frame size of	86 (width)* 83 (H) mm	191 (diameter)*
weight iron frame	0.476Kg	



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MX-5041 system include:

model	Description
MX-PS5000	power to the host 100-240 volt
MX-PTZ	Tweezers handle
MX-H1-AV	Welding handle
MX-W4PT	Iron stand
MX-W1AV	iron stand

MX-5041 Rework system may employ STTC series tip, SMTCTip series, PTTC tip tweezers series

- **MX-5051** soldering, desoldering, and repair systems

(Cat:23361-901)

MX-5051 also have various non- can match the repair function, comprising a through hole desoldering and typically welding SMD rework, applications. The system comprises two handles.

Metcal Advanced™ various welding and a handle for SMD rework, Metcal MX-DS1 desoldering handle through holes desoldering components. This configuration of the hybrid circuit board (patch element and the lead member mixing wiring board) is the best combination. Especially good at handling soldering and rework tasks.

Specifications:

Operating temperature range	10-40 °C	
maximum case temperature	55 °C	
Input voltage	100-240V	
line frequency of the input	50 / 60Hz	
power	Maximum 125 W	
output power of	ambient temperature is 22 °C the maximum 80W	
output frequency of	13.56 MHz C	
the power supply line(3 core)	183CM 18/3 SJT	
size	121 (width)* 235 (H) mm	130 (diameter)*
weight	3.35Kg	
authentication/identification	cTUVus, CE	
tip earth potential	<2Mv RMS	
tip to ground resistance	<2Ω	
idle temperature stability	in still air±1.1 °C	
Handle to the heat core length	122CM-retardant, static(ESD)	anti-
iron frame size	86 (width)*	191 (diameter)*



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of		83 (H) mm
weight frame	iron	0.476Kg

MX-5051 welded the system comprises:

model	Description
MX-PS5000	Power host 100-240
MX-H1-AV	welding handle
MX-DS1	Desoldering gun handle
MX-W1AV	iron frame
MX-WS5	iron frame

MX-5051 welding system optional STTC series iron head and STDC series in addition to tin the tip

1.2.

Hot air gun

- **HCT-900** handheld hot air gun (Item:23362-911)

HCT-900 handheld hot air gun for a variety of production and rework applications provide low-cost, versatile rework solution.

For a variety of simple or complex SMT components repair; through-hole solder repair device, socket and plug contact; belt withdrawing tin flux and to clear even with the use of solder, tin slag; Application of plastic material, as will shrink plastic member affixed to the packaging;

main features and advantages:

for soldering and desoldering multifunctional hot air gun; sturdy,



compact design; and analog control of airflow heat; effective closed loop temperature control feedback circuit; unique low noise pump (less than 45dB) to provide accurate gas flow control; full compliance with anti-static(ESD) requirements.

HCT-900 therm o couple feedback control techniques, the set temperature, the output temperature will not change the size of the amount of wind. Low noise and long life pump. High-power heating wire. The whole anti-static design, de soldering protection IC from electrostatic damage. After blowing off delay function, pump off delay after of 90 about seconds work, in order to ensure effective cooling of the heat pipe. Excellent performance of your work to bring greater convenience. Its design and manufacturing processes meet the highest quality standards and provide stable performance and reliability. No matter whether the air flow rate changes, the closed-loop feedback circuit enables the system to achieve and maintain the desired temperature;

Technical parameters:

input line	115-voltHCT-900-11230-voltHCT-900-21
power	320watts
pump type	Diaphragm
air flow	6-25L / MIN
temperature control	100°C~ 500 °C
size (L*W*H)	210 (l) × 170 (
noise level	is lower than46sBA
the surface resistance of	a single nozzle
weight	4.7kg(10.4lbs)
certificates/pro of	cTUVus, CE

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Part number	description
HCT-900-11	115volts hand-held power tool convection
HCT-900-21	230volts hand-held power tool convection
HCT-HE-11	a heating element, fittings, 115volts
HCT-HE-21	a heating element, fittings, 230volts

1. 3.

PCT-1000 programmable preheater

(NO:623363-901)

OKI's PCT-1000 is fully programmable preheater. More heat may be provided, a lower temperature, faster to exhibit higher quality welding results.

PCT-1000 provides excellent functionality for the user, the user can be increased using thermal energy output of the height control. PCT-1000 can be used as a single apparatus, may be as MRS-1000 used part of Modular Rework system.



The main features and advantages:

increased heating performance and the use of lower heating temperature;

for a number of different processes, including soldering, desoldering, SMD rework;

part number	Described in
PCT-1000	Programmable preheater

Including	PCT-FS1 PCT-1000 foot switch
AC-TCK-24-36	Thermocouple

increase productivity while reducing the temperature of the entire process;

2modes: manual mode holding temperature for the heater, FIG enhance data profiling control;

4 programmable heating zone and a cooling zone;

can store up 50 user defined data is provided to facilitate the analysis of FIG. ;

heater controller may control the temperature or the temperature of the heating output circuit board;

swirl efficient heater design can speed up the heating process and improve Shengchannengli.

Technical Parameters:

Dimensions	330 * 203 * 76mm(13* 8 * 3inches)
Weight	3.4kg(7.5lbs)
Power	1200 watts
Input Voltage	100-240 VAC, 50 / 60 Hz
Storage temperature	0°Cto50deg.] C
temperature range	up350deg.] C
display	20 * 4 LCD displays
Program the number of	50 memory locations
the number of partitions	5(4 heating zone, a cooling zone)

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1.4. solder paste,
 solder - lead,
 lead-free

- solder paste series

Senju low silver paste **M40-LS720**

NO: 23568-201) ECO SOLDER pASTE M40- forcostSMTmounting reduction and thus the development of the silver content1%is of the paste has an excellent price competitive next-generation solder paste. Conventionally, silver paste with a low silver content as will be decreased so that the solder paste melting point rise and fall in thermal fatigue resistance characteristics change. Becomes anin the surface-mount(SMT)obstacle introduced. **M40-LS720** from all o yandFLUXthedesigndevelopment oftwo ways to overcome the above problems, and the industry-standard alloys and products **Sn-3.0Ag-0.5Cu**(CCS model**M705**)for comparison, not only the material cost can be suppressed and also with both **SAC305**alloy of equal or superior workability and long-term reliability of the solder paste.



M40-LS720 Features:

- 1.superior price competitiveness
- 2.While the silver paste is low, but the and to ensure that the early products **M705** same operation so fand climb article of tin
- 3.low silver pasteover come weaknesses-resistance to thermal fatigue low
- 4.inhibition BGA failure to eat tin (poor fusion), tombstone phenomenon
- 5.suppressing Reflow surface gloss after solder paste,to improve the appearance inspection convenience

solder paste powder size: Type 4: 25 ~ 36 um Type 3:

LS720 and M705-GRN360-K2-Valloy comparative

alloys name	M40	M705
alloy	Sn-1.0Ag-0.7Cu- Bi-InNote2)	Sn-3.0Ag-0.5Cu

melting temperature(°C)	solidus		211217
	melt ①215 ②222	Peak	219
	liquidus	222	219
tensile strength(MPa)		59.4	47.8
extension (%)		62.8	79.8
Poissonratio		0.35	0.35
wireswell factor		21.3	21.7
patents		JP3027441	JP3753168

1.5.

Other welding consumable

- **antistatic high temperature tape** --temperature test available instrument **(Model:23511-100)**

material:polyimide tape insulation tape, after high temperature insulation material is specially treated polyimide film substrate is coated with from high temperature silicone. High temperature may be 300 degrees/ 10 min,180can be prolonged use. With excellent electrical properties, high insulation, high temperature, low temperature, acid, low electrolysis, good mechanical properties, wear resistance, abrasion, tear, special treatment agent, adhesion strength, tear after masking the surface without leaving adhesive residue.

Features:

surface resistance $\Omega, 7-10^9 10$ nontoxic and odorless; static-free surface of the product material Transfer;

excellent transparency, appearance inspection may be performed in a state where the optical film is laminated with a protective material;

anti-static products are one-sided , antistatic sided, peeling electrification voltage 0 V;



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choose from a variety of specifications;

- other unlisted Related products:

-sponge (product Number:23521-100)

-smoke tin (product Number:23361-100)

-suction tin rope (Code:23531-100)

4. General instrument, Kit

3. 2. Cedel, Stanley tools package

- Cedel Kit (Item:80360-100)
- Stanley Kit (Item:80360-900),

1. 2. instrumentation

3.2.1. said electronic

(Item:83301-101)

- * precision design of 30000,weight internal resolution of 1 /300,000.
- * Built accuracy selector 1/30000, 1/15000, 1/7500, 1/3000 and two-stage range available.
- * By charging plug-in dual mode for selection, eliminating the power instability and power problems.
- * A single point calibration and three-point calibration function to ensure accuracy.
- * Automatic zero adjustment and anti-vibration software filtering, adjusted to follow a different environment.
- * With tare function weighing scale indicator.
- * Simple counting mode with automatic average piece weight function.
- * Indicates a full-screen when the weighing scale section, indicating the heat engine.
- * Hasg,lb,oz,kg,kg Hong Kong, Hong Kong, Tai Jin, stage two, the

percentage, PCS, weighing units available.
 * LCD liquid crystal display subtitles with automatic backlight.
 * Having a low battery warning function.



3.2.2. Multimeter

(Item: 83311-101) Fluke 15B + / 17 Beconomical digital multimeter

Fluke New15B + / 17B + / 18B on classic product lines 15B / 17B / 18B was much eight performance and functionality upgrade based the on greater lift the performance and user experience while maintaining the original product series accurate, durable, safe and superior performance.



A larger display screen, 1.5 times the original models, easier to read data by

Increases white LED bright backlight, dark environment to respond

The corresponding faster speed, without waiting for quick access to test data

Min / Max maximum and minimum measurements (17B+)

By The large capacitance range (100uF increases to 1000uF) expands the test range.

Dangerous voltage warning function (17B+), it is easier to use safety.

Frequency measurement function (18B+)

The instrument bracket is integrated with the table body and is easier to support.

New and old model performance and function comparison:

Function and performance	Fluke 15B+	Fluke 17B+	Fluke 18B+
Display number	4000 bit	4000 bit	4000 bit

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Dc voltage accuracy	0.5%	0.5%	0.5%
ACV	1000V	1000V	1000V
Communication millivolt	400mV	400mV	400mV
direct voltage	1000V	1000V	1000V
Dc millivolt	400mV	400mV	400mV
UA	4000uA	4000uA	4000uA
Dc milliampere	400mA	400mA	400mA
Ac/dc ampere.	10A	10A	10A
resistance	40M Ω	40M Ω	40M Ω
capacitance	100uF	100uF	100uF

- Other unlisted products:

--capacitance meter (Part/No. : **83312-100**)

--Resistance tester (Part/No. : **83313-100**)

--oscilloscope (Part/No. : **83320-100**)

--gradienter (Part/No. : **81301-110**)

--Furnace temperature tester (Part/No. : **23210-100**)

5. Work clothes, antistatic clothing, protective clothing.

3.3. Anti - static, dust
- proof, uniform,
uniform, coat, hat.

3.3.1. Anti - static clean dust-free clothing.

Fabric introduction:

Anti-static dust-free clean suits USES: from Japan "composite spinning process of carbon particles and nylon composite spinning conduction layer nylon Belltron 9 r1 is ZhongFang Japanese company (Kanebo) the latest development of conductive fiber, the product used the technology to change the company's advantage of composite spinning technology, the carbon conductive powder mixes and melting of nylon, specially the jet hole and the collective nylon composite fiber, formed a two-component conductive fiber. The outer layer is a super-thin, conductive polymer with extremely high conductivity, and the inside is completely nylon 6 polymer.

Adding a small amount of 9R1 is enough to prevent static electricity generation.

Excellent static control ability, dustproof, filter and air permeability.

Good resistance to washing, bending and abrasion resistance.



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Fabric Colors No.	Fabric Colors	Fabric description
SDW-030101	white	5mmstripe
SDW-030102	Wathet	5mmstripe
SDW-030103	Navy Blue	5mmstripe
SDW-030104	blue	5mmstripe
SDW-030105	Light yellow	5mmstripe
SDW-030106	Light pink	5mmstripe
SDW-030107	navy	5mmstripe
SDW-030108	prasinous	5mmstripe
SDW-030201	white	5mmgrid
SDW-030202	yellow	5mmgrid
SDW-030203	navy	5mmgrid
SDW-030204	Navy Blue	5mmgrid
SDW-030205	Wathet	5mmgrid
SDW-030206	blue	5mmgrid
SDW-030207	pink	5mmgrid
SDW-030301	white	2.5mmgrid
DW-030302	Wathet	2.5mmgrid
DW-030303	rose pink	2.5mmgrid
DW-030304	Light yellow	2.5mmgrid

There are more colors to choose from. The color of the cloth may differ from the actual color. Please refer to our specific fabric color card!

size	height(CM)	Bust(CM)
S	150-155	102
M	160-165	120
L	165-170	126
XL	170-175	132
XXL	175-180	138
XXXL	180-185	144
4XL	186-190	150

The style of clothes can be adjusted according to the needs of customers:

- Wear a hat/no hat.
- Open zipper/open zipper.
- The waist is adjusted/the waist is slack.
- Sleeve cuff optional thread sleeve or plain cuff.
- Pen bag, chest pouch, label free choice.
- The content of the LOGO can be embroidered or printed.
- Purification level: ten to ten thousand.



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SDW-111anti-static coveralls (Part / No.: 91711-100) anti-static coat



Part / No.: 91712-100) SDWanti-static split service collar

Part / No.: 91713-100) SDWAntistatic cap split service /No.: Part91714-100)

1.1.2. purification/anti-static cap

(Part / No.: 92711-

1.1.2. purification/anti-static cap

(Part/No. : 92711-xxx)



601port cover cap shawl
605shawl hat



604shawlcap



606Shawlhat



607along the hatband



608bandalong the hat



609Noalong the hat



610cap



611cap bow ENGINEERING



612elastic formula work hat

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1.2. purification clean / anti-static finger sets, anti-static gloves, nitrile gloves

2. antistatic gloves

/No.: (Part93711-100)

required for anti-static gloves, clean clean room environment. Wear antistatic gloves to avoid direct contact with the operator finger static-sensitive components, and safe relief operator electrostatic charge carried by the human body. It is necessary to wear the semiconductor industry, electronics manufacturing, instrumentation equipment, mobile phone manufacturing plant and other staff work.

Antistatic stripe gloves features:

a uniform conductive fiber, electrically conductive fiber spacing 10mm added;

feel good soft, breathable, elastic and has excellent antistatic performance, comfortable to wear;



surface resistivity: $10^6 \Omega \sim 10^{10} \Omega$ friction electrification voltage < 0.03kv

slip gloves antistatic characteristics:

palm PU spotting increases the coefficient of friction, anti-slip effect;

softness good ventilation;

added uniformly conductive fibers, conductive fiber spacing 10mm



surface resistance: $10^6 \Omega \sim 10^{10} \Omega$ friction electrification voltage < 0.04kv

product name	size	color	packaging
antistatic stripe gloves	M, L (conventional)	white	10pairs/bag, 300pairs/box
antistatic slip gloves	M, L (conventional)	white	10pairs/bag, 300pairs/box

1.1.2. setsfinger

/No.: (Part93721-100)

material: latex gloves made of latex imports of Malaysia, divided domestic and imported two qualities

size: all kinds of finger divided into: S/M/L (Xinhuanet) three models, standing model M, L two



Meters yellow anti-static finger sets of black anti-static finger sets
Pink antistatic finger sets



thicker non-slip finger sets of

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3.1.1. nitrile gloves

/No.: (Part93731-100)

Material: of 100% made of nitrile rubber non-allergenic synthetic, after the mixing process with the antistatic material processing, can be a clean room and a clean ESD protection provided zones sensitive. Has a strong chemical resistance.

Applies to: Optoelectronics LED, optoelectronic devices, semiconductors, microelectronics, precision electronics manufacturing, aerospace, biomedical, pharmaceutical and other industries higher cleanliness requirements

- latex-free, without allergy
- skin comfortable fit, reduce hand fatigue
- anti-corrosion, puncture-resistant, doubling the thickness, doubling protection
- SGS testing and certification



Navy Blue powder-free nitrile (durable) blue powder-free nitrile (thick type)



blue powder-free nitrile (standard) Black powder-free nitrile (durable)



bluepowder-free nitrile (budget) orange powder-free nitrile (thick type)



indigobluepowder-free nitrile (conventional type)

Model	Name	Type	Pock	Size	Length mm	Color	Packing
APFNCHD	Navy Bluepowder-free nitrile	non-durable	hemp palm	S, M, L	240	blue	100 / cassette, the cassette 10 / tank
APFGWCHD	bluepowder-free nitrile-thick durable	powder-free	hemp palm		S, M, L, XL 240		/ box, box 10 /box
APFNC	blueno powder nitrile standard	powder-free	hemp palm		S, M, L, XL 240		/ box, the cassette 10 /box
GPNBC	black nitrile durable	powder-free powder	hemp palm	S, M, L, XL	240	black	100/ cassette, the cassette 10 / tank

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APFGWC	bluenitrile Cheap	powd er- powd er- free	hemp palm	S, M, L, XL	240	light blue	100 / cassette, the cassette 10 / tank
GWON	orange powder-free nitrile thick	powd er- type	hemp palm	M, L, XL	240	orang e	100 / cassette, the cassette 10 /box
APFINC	indigoidbluen o powdernitrile conventional	powd er- free	finge ranes thesi a	SS, S, M, L	240	indig oblu	200 is/ box, 10 cassette /tank

1. 3.

sleeveclean shoes,
work shoes anti-
static, anti-static
slippers, shoes

/No.: (Part95711-100)

work shoes with bulk dielectric materialPVC, PUorSPUfoam material of the sole, with the upper integrally formed, then Wire reinforcement. Midsole anti-staticEVA,ease foot pressure, more soft and comfortable, both anti-static and clean performance, energy efficient and most reliable human operator to discharge electrostatic charge, while effectively suppresses the body in the clean room dust, is the best choice for electronics, semiconductor manufacturers and clean room.

Surface resistance: $\Omega \Omega 10^{10} \sim 10^{16}$

upper material: canvas, leather or other materials surface

sole material:PU,SPU, PVCor other materials

shoe size:36-48Code



blue anti-static safety shoes Gaotong white anti-static safety shoes
Gaotong Anti-static shoes Gaotong(PVC bottom)



Tall anti-static anti-slip soft-soled shoes PU white canvas four shoes
PU blue canvas four shoes



PU blue hole network four shoes PU blue mesh anti-static shoes



PVC white mesh anti-static shoes PVC blue in the towel canvas shoes,
PVC white canvas four shoes

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PVC blue canvas four shoes PVC blue towel plus thick velvet canvas shoes
 in PU black anti-static slippers



PU white slippers anti-static
 static slippers blue soft bottom

PU blue anti-static anti-



Anti-static white soft-soled shoes cover Antistatic shoes cover non-woven
 shoe CPE shoe

3.4.

Eye Protection – goggles

3.5.

(Part/No. : 94711-100)



CKY-135 anti-splash goggles CKY-134 sponge proof goggles 101104 anti-fog visor



101125 anti-impact goggles 101,131 visitors splash goggles
transparent PC chemical goggles

3.1.

earmuffs, earplugs hearing

4. 103,006 Earplugs

properties: (97711-100 Part / No.) -

ABS material excellent in impact resistance, heat resistance, low temperature resistance, chemical resistance and electrical , the outer tough wear earmuffs, painting process more texture;

lined with synthetic foam, comfort, PVC cushioned to reduce the pressure of the ear portion faces perfect fit, comfortable to wear, excellent sound insulation;

the present paragraph international cap standard, in the following different environments to achieve effective noise reduction: signal to noise ratio SNR /noisy environment H /environment in general M /quiet environment



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		L SNR H M L 28 30 27	

color: orange

- 103010 noise ear

(/No.: Part97711-200)

ABS material impact resistance, heat resistance, low temperature resistance, chemical resistance and excellent electrical properties, the outer tough wear earmuffs, painting process more texture;

linerPSsynthetic foampadded, comfortable to wear, good adhesion;

hollow regulating activity area, the position of the ear may be adjusted according to individual needs; Color:blue



- 103115 foldable Antinoise ear

Part / earmuffs, :(97711-300No.)

ABS material excellent in impact resistance, heat resistance, low temperature resistance, chemical resistance and electrical properties, the outer tough wear painting process more texture;

synthetic foam cushion, comfortable to wear, good adhesion;

double adjustable plastic headband, the ear position can be adjusted according to individual needs;

foldable cap and with suspension means, to facilitate the work to carry , easily lost;



international standards through the cap of the present paragraph, in the following different environments to achieve effective noise reduction:signal noise ratioSNR /noise valuewhen thetouse frequencyH/noise reduction valuewhenintermediate frequency useM/use low noise values of

SNR	H	M	L
32	33	31	25

color: sallow

- 103105 disposable earplug sound professional

/No.: (Part97712-100)

individually wrapped product, easy to use cleaner

bullet design, comfortable to wear, reducing good noise effect

PUfoam material, when placed within the ear using pinch small, self-expanding waiting to fill, easy to fall off;

earplugs international standards of this paragraph, the following in different environments to achieve effective noise reduction:signal to noisethe SNRratio;noisy EnvironmentH;general environmentalM;quiet environment



SNR	H	M	L
37	36	34	33

Packing:200/box

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- 103,113 line with repeated use of silicone earbuds

/No.: (Part97712-100)

individually wrapped products, the use of more convenient and clean

Christmas tree shape, wear comfortable, good noise reduction effect of

non-allergic silicone material, can be used repeatedly, with a line design, convenient removal, easily lost

earplugs international standards of this paragraph, the following in different environments to achieve effective noise reduction: signal to noise the SNR ratio; noisy environments H; general environmental M; quiet environment L

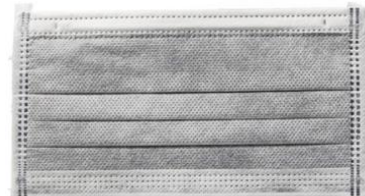


SNR	H	M	L
37	36	34	33

packing:10/bag

1.6.

**respiratory
protection - mask
respirator**



SDW-KZ01 SDW-KZ02 SDW-

disposable non-woven three dimensional non-woven mask disposable mask
 disposable activated carbon masks

/No.: (Part98711-101)

/No.: (Part98711-201)

/No.: (Part98711-301)



9001V (ear type) 9051 (ear type) 9002V (headband)

particulate respirator valved particulate respirator valved particulate respirator

/No.: (Part98712-101)

/No.: (Part98712-201)

/No.: (Part98712-301)



901 / head mount 9022 / ear type 9043 / head mounted

folding particulate respirator folding particulate respirator folding particulate respirator

/No.: (Part98711-101)

/No.: (Part98711-201)

(Part / No.: 98711-

301)

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- single cartridge half mask

/No.: (Part98712-101)

Triangular channel breathing valve, reduce heat and moisture accumulation within the mask

interior silicone material, comfortable to wear easily deformed

can be adjusted after the cuff, easy to adjust

supporting filter cartridge, the filter cartridge using a single, easy handling



- with silicone full N9000

/No.: (Part98711-201)

using silicone material, comfortable to wear

a special key to adjust the knob, the user can adjust to the most comfortable state

detachable convenient, easy to wear



1.7. protective gloves hand

1.7.1. Protective gloves

Schedule: EN388 (Performance Grade gloves against mechanical)

level	properties of	the product levels
0-4:	abrasion worn round the required sample frequency and speed of continuous	
30-5:	cut resistant continuous blocking a required sample ratetimes of	
10-4	tear trip: the sample the force required to tear	

puncture-30-4:	awl to pierce the sample with a standard force	3:
----------------	--	----

Table EN407 (heat and fire performance classification gloves)

level	performance	of the product level
1-4	fire retardant: and extinguish the fire source away for burning time of the material	
anti-41-4	in contact with the thermal: thermal contact between 100-500 degrees C, there will be no pain of gloves (minimum 15 seconds exposure)	
11-4	convective heat discharge: gloves to prevent flame transmission duration of the heat	
31-4:	radiation thermal gloves increase the time required to cause a given temperature	X
1-4	anti-splashedots of the molten metal exit: gloves warmed to cause the weight of antemperature of	
41-4	anti-big-pointthe molten metalsputtering: amount required to cause damageglove	205515

- **Xinsulatedleather welding gloves**

/No.: (Part93711-101) to strengthen the leather palm, while the thermal conductivity may be placed a small metal sputtering

plus To 14cm cuff, which can effectively protect mechanical risks, fire retardant

mechanical properties, extension EN388: 3, 1, 3, 3;

EN407 heat and fire performance: 4, 1, 3, X, 4, X

dimensions: length 35cm, width 14cm; color: red



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- **201705PU uncoated fine operation gloves**

Part /No: (.93711-201) using the glove finger and palm PU coating, palm grip performance and abrasion resistance with a good texture

gloves dorsal metacarpal uncoated, breathable and comfortable, high-lining, and more bonding surface of the hand

shells a good pull, breathable absorbent and comfortable to wear

dimensions: length 25cm, width 12cm, color: gray

suitable for: handling, repair, shipyards, machining industry



- **201,723 nitrile coated knitted gloves**

/No.: (Part93711-301) cut resistant, breathable, wear-resistant, non-slip

material: synthetic, nitrile coated

nitrile coating palm and fingertip, wear resistance and best

dorsal uncoated, breathable perspiration, good elastic tension, comfortable to wear

this gloves in line with European Directive 89/686, safe non-toxic and comply with EN388: 4, 1, 2, 1;

dimensions: length 25cm, width 11cm, color: black, gray



- **201,630 latex coated gloves**

/No.: (Part93711-401) using 13 gauge glove, seamless knit, gloves breathable and comfortable

natural latex finger and palm coating, of excellent grip

Lun fibers durable, good elasticity not easily deformed, corrosion resistance, insulation, crisp, washable and quick drying and other

properties mechanical classification EN388: 3, 1, 2, 1

size: size



- 201,733 latex foam seamless knitted gloves

/No.: (Part93711-501) material : 100% latex coating;

glove palm coated with high-quality latex foam material, latex properties better than the average, more flexible and comfortable glove, palm with abrasion resistance and gripping performance is better texture;

gloves dorsal uncoated, comfortable, breathable, high-lining, more fitting surface of the hand, good tensile elastic, breathable absorbent;

size: 26cm * 9cm; color: fluorescent yellow / black coating

- CKS-CCF10-0924 turning fingers skin cut-resistant gloves

/No.: (Part93711-601) A glove palm pure grade leather, puncture and corrosion;

dorsal to the glove fabric UPE, breathable and comfortable;

the highest level of wear resistance, cut-resistant, tear crack, puncture-resistant;

size: 24cm, size (9)



1.1.2. High temperature gloves

- CKS-ABG-5T-34 500 degrees insulated high temperature gloves

/No.: (Part93712-101) super wear, efficient protection

palm material: aramid surface with a reinforcing denim, wear, anti-cutting, temperature 500-600 degree, the duration of each up to 30-40 seconds

back material: high-temperature insulation aramid closely woven mat, temperature 300 degrees, each time lasting up to 15-20 seconds

glove length: 33.7cm, width: 16.5cm, 2.7cm thick

aluminum industry special gloves, metal extrusion, metal, glass thermal processing industry tunnel furnace, industrial welding, melting metal, ceramics, production of solar cells



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- **CKS-NFRR15 -34400of aluminum foil insulation Glove**

/No.: (Part93712-201) palm 400 degrees, 300 degrees back
abrasion, anti separated, flame, sparks flew
prevent metal

palm material: the main fabric of meta-aramid
fine twill (resistance to 400 deg.] C)

back material: main fabric composite foil
(resistant to 300 °C)

gloves length: 33cm, width: 18cm

food processing industry, industrial furnaces,
and other high temperature industrial casting



- **CKS-GELL15-29 400 degrees compartment thermal Glove**

/No.: (part93712-301) palm portion Main fabric is
tightly woven mat of aramid (Kevlar and carbon
fiber are mixed), temperature 400 degrees, each
time lasting 15-20 seconds, wear resistance, but
a small amount of wear of floating hair.

Back of the hand and wrist: the main fabric
composite double cotton terry, heat insulation
effect, temperature 200 degrees, affordable,
high cost, no floating hairworn

gloveslength:30cm width 13.4 cm thickness: 2.5 cm

aluminum industry-specific gloves, metal extrusion, metal, glass
thermal processing industry tunnel furnace, industrial welding, melting
metal, ceramics, production of solar cells



- **CKS-GKHH15-34 350 degrees insulation glove**

93712 /No.: (Part-401) 350 deg.] C palm, back 200 °C

palm material: carbon fiber aramid 1313+ (350 deg.
C)

back and other parts of the material: the low
temperature densely woven mat (back 200 °C)

gloves length: 34cm, width: 18cm

welding, protective



- **CKS -PJJJ35-33 250 degree heat glove**

/No.: (Part93712-501) using bionics hand type design, especially with the fingers fit, nice and very comfortable to use, do ordinary wear gloves surface treatment, temperature 250, duration 15-20 seconds, no wear hair floating

palm, wrist and back main fabric: strength polyester fiber

glove length: 34.5cm, 15.5cm width, thickness 1.8cm

food processing industry, Welding, kitchen



- **CKS-YBBE12-34 600 of high temperature insulation against hot gloves**

/No.: (Part93712-601) super wear-resistant, high protection can effectively prevent sparks flew and the heat radiating metal

palm material: for the fabric denim woven aramid, temperature 600 degrees, up to 30-40 seconds duration each

dorsal material: twill woven fabric composite tear, temperature of 450 degrees, each time lasting up to 10 seconds

glove length: 33cm, width: 13.5cm, 2.5cm thick



aluminum industry special gloves, metal extrusion, metal, glass thermal processing industry tunnel furnace, industrial welding, melting metal, ceramics, production of solar cells

- **CKS-GKHH12- 28Z 300 of insulation Glove**

/no.: (Part93712-701) palm material: main fabric is para-aramid high temperature insulation blankets cloth (Kevlar + carbon fiber), good heat resistance, flame spontaneous combustion, temperature of 350 degrees

back material: main fabric are polyester fibers, temperature of 200

gloves length: 27.6cm, width 12cm



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1.1.3. Chemical gloves, acid gloves

- **201802** Nitrile high performance chemical gloves

/No.: (Part93713-101) nitrile coating excellent chemical resistance, anti certain pH, solvent, oil and other corrosive substances provide a good the chemical protection. Good physical properties, good tear resistance, anti-puncture anti-friction performance



slip groove design, the lines make products more convenient throughout the palm grip; silicone finishes, planting surface lining make more comfortable to wear;

EN388 mechanical performance rating: 4 1,0,1

dimensions: length 33cm, thick; 0.4mm color: green

food certification through the glove in this paragraph can be used in food processing and other

high-performance 201,510 heavy neoprene chemical gloves

/No.: (Part93713-201.) 100% neoprene, good mechanical properties, oil, heat, acid, chemical

anti-slip design agents, anti-skid bumps, a better increase the friction



performance chemical gloves EN374-3: a, B, C, I, J (A methanol, B acetone, C acetonitrile, I ethylacetate, J heptane)

mechanical properties EN388: 4, 1, 1, 0

dimensions: length 38cm, a thickness of 0.78mm; color: black

- **201735** lengthening PVC anti-microbial gloves reinforcing sulfide

(Part / No.: 93713-301) material, having a good wear resistance and anti-slip gripping characteristics



friendship

microbial better wear resistance, anti, suitable in an acidic corrosive environment The use of

materials: cotton knit lining, PU coated

dimensions: length 35cm Thick 0.9mm; Color: Red

1.1.4. insulated high voltage gloves

- 00live workinginsulated gloves

(latex) (Part / No.: 93714-101) finest natural latex

voltage protection: test voltage (AC): 500V

rated voltage of (AC): 750V

Length: 11 inch, 14-inch, color: red, black

enhanced durability, flexibility, comfort, and mechanical strength

flexibility design allows users to easily operate small objects to

meet or exceed the current ASTM D120-09 standard, IEC60903-2002 standards, GB / T17622-2008 standard



201 0 live working insulated gloves

(latex) (Part / No.: 93714-201) finest natural latex

0 voltage protection: test voltage (AC): 5000V

rated voltage (AC): 1000V

length: 11 inches, 14 inch, color: red, black

enhanced durability, flexibility, comfort, and mechanical strength

flexibility design allows users to easily operate small objects to

meet or exceed the current ASTM D120-09 standard, IEC60903-2002 standard



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- level 1 live line work with an insulating glove

(latex) (Part / No.: 93714-301) finest natural latex

voltage protection level 1: test voltage (AC): 10000V

rated voltage (AC): 7500V

length: 14 inches, 16 inches

color: black (in) / red (outside), red (inside) / bl

enhanced durability, flexibility, comfort, and mechar

flexibility design allows users to easily operate sma

meet or exceed the current ASTM D120- 09 stan
standard



- grade 2 live working insulated gloves

(latex) (Part / No.: 93714-5012-stage) high-voltage

protection: test voltage (AC): 20000V

Constant voltage (AC): 1750V

- finest natural latex, length: 14 inch, 16 inch

Color: black (inside) / red (outside), red
(inside) / black (outside)

• enhanced durability, flexibility , comfort and
mechanical and

strength flexibility designed so that the user can
easily operate the small objects



• meet or exceed current standards ASTM D120-09, IEC60903-2002
standard

- three live working insulated gloves (latex)

- (Part / No.:93714-601) finest natural latex

voltage protection level 3: test voltage (AC):
30000V

rated voltage (AC): 26500V

- length: 14 inches, 16 inches

color: black (li) / red (outer) , red (inside) / black (outside)

* Ultra-thin labels and gloves back flush, to improve durability and
comfort



- flexible design allows the user to easily operate small objects
- meet or exceed the current ASTM D120-09 standards, IEC60903-2002 standard

grade 4 for live working insulated gloves

(latex) (Part / No.: 93714-8014): high-voltage protection level test voltage (AC): 40000V

rated voltage (AC): 36000V

- Using the finest natural latex, length: 16 inch, 18 inch

Color: black (inside) / red (outside), red (inside) / black (outside)

- enhanced durability, flexibility, comfort and mechanical strength
- meet or exceed current standards ASTM D120-09, IEC60903-2002 standard



1.8.

25KV live working insulated gloves

(Part / No.: 93714-901) imported

rubber-test voltage: 25,000 V

AC-voltage protection: the maximum voltage of the AC 21,750V

- enhanced durability, mechanical strength, and comfort; smooth surface finish
- meet or exceed the current Q / 12HG6095-2011 standard, IEC60903-2002 standard



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1.9. foot protection – safety shoes, insulated shoes

1. 301,322 lightweight breathable safety shoes

(Part / No:95714-100) upper: matte leather and nylon mesh material

sole mixing: double density PU injection sole

color: orange gray, dark gray, rice gray, blue-gray

shoe size: 35-45 code

basic functions: anti-smashing, puncture-resistant, anti-static, abrasion resistance, oil, the SRC stage slip



● 301510 leather surface of safety shoes

/No.: (Part 95714-200) upper: leather

sole: PU soles injection

color: black

shoe size: 36-45 code

basic function: anti , Abrasion resistance, oil absorbing heel

● 301,102 help low safety shoes

/No.: (Part 95714-300) Upper: Indian water leather

sole: double density PU injection sole steel toe

Color: yellow line, the orange line, red line

shoe Size: 36-45 code

basic functions: anti-smashing, abrasion resistance, oil, followed by energy absorption, 6KV insulation (red line)



● 301101 help in safety shoes

/No.: (Part95714-400) upper: Indian water leather

soles :dual densityPUinjectionsole steel toe

color:yellowline, the orange line, red line

shoe size:36-45code

basic functions: anti-smashing, abrasion resistance, oil, followed by energy absorption, 14KVinsulation (red line)



- **301 211**light rainbow series safety shoes

/No.: (Part95714-500) upper: matte leather

sole: doublePUinjection sole

color: beige

shoe size:36-45code:

basic function smashing, anti-piercing, abrasion resistance, oil resistance, the SRCgrade non-slip anti-static, 10KVinsulation



- **301305**high temperature safety shoes

Part /No:(.95714-600)Upper: matte suede leather

lining: Nylon

polyamidesbottom:PHYLON:the bottom

sole rubber soles

Color: Brown; Shoe Size:36-45Code

basic functions: smashing, anti-piercing, anti-static, abrasion resistance, oil resistance, gas permeability, resistance250 °Ctemperature



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- **301 216**series elastic safety shoes

/No.: (Part95714-700) upper: breathable
 mesh/leather

sole: double densityPUinjection sole

color: black, blue, gray, Navy Blue

shoe size:36-45code:

basic function smashing, anti-oil, anti-static, followed by energy absorbing



1. 9. protective clothing

- **MicroMax Max**

91761-100 /No.: (PartAMN428E)has good air permeability, high dust, low hazard mild chemical liquid splash, spray drying, and hazardous dust protective

coveralls limited-use type

suitable for European standard 5, the application ofclass 6

the main applicationfield :: paint spraying, repair and maintenance work, the nuclear industry radioactive particles, dust protection, food, electronic processing, pharmaceuticals, oils, resins protective



- **disposable protective clothing**

(35596W) (Part / No:)even disposable Body protective clothing are in line with the European chemical protective clothing fifth, six dust and splash-type limited protection standards;

GEN"AI"using innovative manufacturing soft, breathable material. Can provide excellent protection against toxic dust and liquid splash. Containing a low amount of fluff, thus may be particularly suitable in the need to protect the user, the use of contaminated and plush environment where the clothes are not allowed;



GEN"PRO"unique non-woven fibrous material mixture can be effectively protect toxic dust and splashproof

MS3. 5. 6M-XXL

- **Size:chemical suits light (4571433)**

(Part / No.: 91761-300)

Disposable antistatic protective clothing;

- 55g white polypropylene multi-layer protective clothing;

- For comfort reasons, cropped wide;

- Protective clothing for the piece with a hood design;

- Arms and ankles with elastic band;

- Double zipper with a protective flap until the chin;

- Size: M-XL



- **DS201 disposable protective clothing**

(AP4571450) (Part / No:)

Disposable antistatic protective clothing

- Protective clothing in line with European standards

- The fifth class (EN 13982-1) - play a protective role against harmful dry particles

- The sixth class (EN 13034) for mild chemical liquid splash play a protective role

- complies with European M1 fire retardant fabric standard (EN 533

/NFP92507)

- Achieve EN 1149 standard anti-static

- Achieve EN 1073-2: 2002 anti claim standard radioactive particles penetrate

- 60g white four layer composite of polypropylene fabric

- Fabric material soft, comfortable and has excellent breathability

other unlisted product

- identification tag



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-area identifier-Ground tape, tape table, region identification etc. (Part / No: 40911-100.)

state identification-identification of product status, state identification device, the identification process management, 5Slogo, etc. (Part / No: 40912-100)

Security Warning-warning tape, warning logo/signs (Part / No: 40913-100.)

display of publicity-publicity posters, billboards and other visual /No:(Part40916-100.)

6. Shelves and turnover me

7. storage shelves

7.1. Stainless steel shelves

/No: (Part71811-100)

optional stainless steel shelves 201 or 304 stainless steel, aesthetic and practical modular structure. Corrosion proof, each load 100-150kg. Used in factories, warehouses, GMP biopharmaceutical GMP workshop, food GMP workshop, electronic semiconductor clean room, precision instruments, bio-engineering and various laboratories.

Stainless steel products can be customized according to customer demand

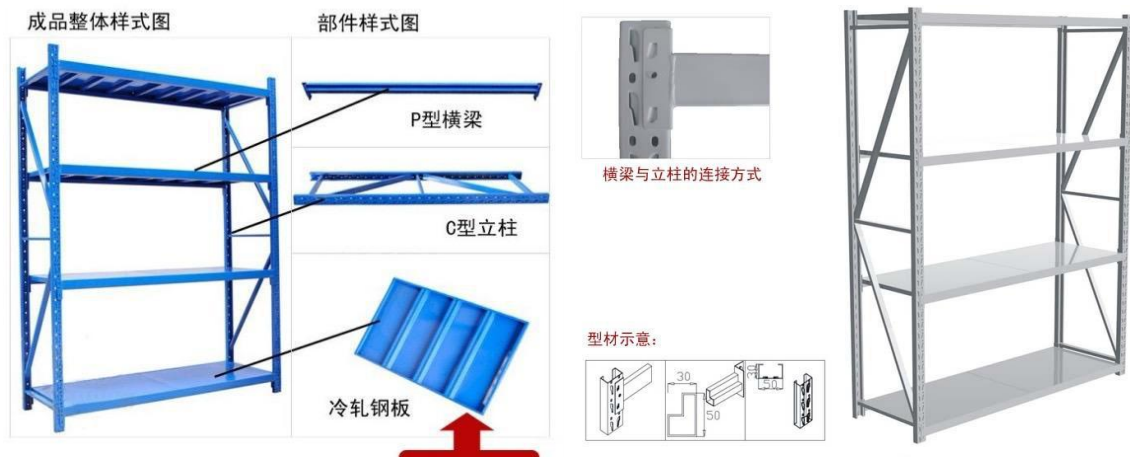


3.1.1. Shelving

No.: (Part71821-100)

plug-in structure, the standard set of inserts, to facilitate installation and removal, arbitrarily adjustable steel plate, steel plate superior closed-type structure to meet a variety of requirements. Variety of colors,

standard(m m)	Standard height(mm)	each load (kg)	layers	ply thickness	color
L2000 W600	* H2000	100-200	custom	0.5mm	gray, blue, custom ization



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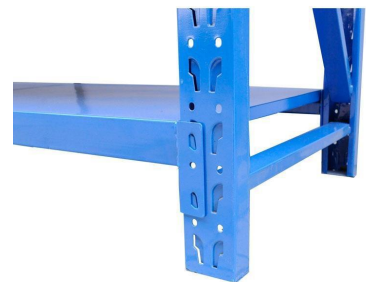
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3.1.2. Medium shelf /No.: (Part71831-100)

mediumshelfappearance and wide applicability, easy installation and removal, may be according to the layer from 75mm, adjusted the upper and lower multiple of each bearing up to 300-500kg. Pressing high-quality steel profile, the surface acid, phosphate, degreasing, rust treatment, electrostatic powder spray. Bright color, bright gorgeous, not easily oxidized, easy to clean.

Medium-sized shelves robust, large carrying capacity, widely used in factories, enterprises, warehouses, shopping malls, Shiyedanwei and so on.

Standard(mm)	Standard height(mm)	each load(kg)	layers	ply thickness	color
L2000 * W600	H2000	100-200	customized	0.5mm-1mm	gray, blue, customization

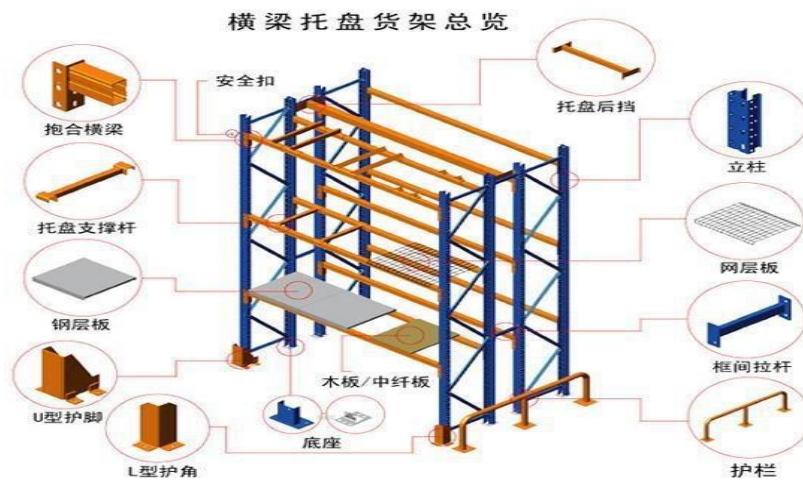


3.1.3. Heavy shelf /No.: (Part71851-100)

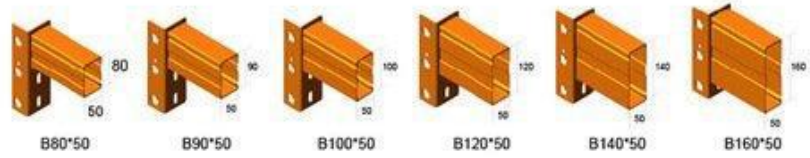
heavy-duty shelves, commonly known as beam shelves and pallet rack. to column sheet+Beamstructure in the form of fully assembled, concise structure effective. The characteristic storage means can ULD

installation, such as: block, steel laminates (wood laminates), a metal mesh layer, storage cage rails, frame drums and other functional accessories, to meet the different units ULD in the form of goods storage.

For varieties of small quantities and less variety of large quantities of items stored. Typically goods through trays, storage cage like element set into the storage shelves mounted equipment ready. Handling forklift or the like may reach any cargo stored jobs, the job convenience store, quick. Widely used in manufacturing, third-party logistics and distribution centers.



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立柱



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3.1.4. Fluent shelves /No.: (Part71881-100)

fluent shelves storage and distribution links are indispensable equipment. Only a simple ordinary shelves to meet the needs of their goods, and fluent shelf unique structure can take the initiative to go to meet the advanced (FIFO) requirements of is. Save space, improve efficiency, is the best choice for the factory production line Kanban management and logistics center order picking.

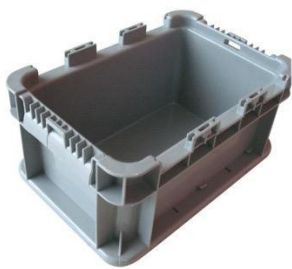




Transportation turnover

3.1.1. STlogisticsseries of standard plastic box(ShanghaiGeneral Motors parts dedicatedbox)

STseries of standard logistics me originally Shanghai General Motors Plastic Containers, the series uses100%brand new high impactPPas raw materials, and the use of advanced technology and mold development and production equipment. Widely used in automotive, machinery, household appliances, light industry, electronics and other industries, to acid and alkali resistance, oil, non-toxic, odorless, can be used in full bloom food, easy to clean, spare parts turnover convenient, neatly stacked, Pianyuguanli.



ST-A 物流箱 (货号: 72911-101)
 外尺寸: 300*200*148mm
 内尺寸: 260*160*130mm
 有效内尺寸: 250*150*123mm

ST-B 物流箱 (货号: 72911-201)
 外尺寸: 400*300*148mm
 内尺寸: 355*260*130mm
 有效内尺寸: 350*250*123mm

ST-C 物流箱 (货号: 72911-301)
 外尺寸: 400*300*280mm
 内尺寸: 355*260*260mm
 有效内尺寸: 350*250*255mm

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ST-D 物流箱 (货号: 72911-301)
外尺寸: 600*400*280mm
内尺寸: 555*365*260mm
有效内尺寸: 550*350*255mm

ST-H 物流箱 (货号: 72911-401)
外尺寸: 600*400*148mm
内尺寸: 555*365*130mm
有效内尺寸: 550*350*123mm

**ST 上海通用系列物流箱
(货号: 72911-401)**
常规颜色: 灰色、蓝色。其他颜色可定做。物流箱可做带盖子, 丝网印刷等

3.1.1. EU series of standard plastic logistics box (public private)

Shanghai Volkswagen EU logistics series of plastic box is designed for Shanghai Volkswagen design, this series of products selected 100% brand new high impact PP as raw materials, and the use of advanced technology and die equipment development and production. Widely used in automotive, machinery, household appliances, light industry, electronics and other industries, to acid and alkali resistance, oil, non-toxic, odorless, can be used in full bloom food, easy to clean, spare parts turnover convenient, neatly stacked, Pianyuguanli.



EU A 物流箱 (货号: 72912-101)
外尺寸: 300*200*148mm
内尺寸: 270*165*140mm
有效内尺寸: 235*148*128mm

EU B 物流箱 (货号: 72912-201)
外尺寸: 400*300*148mm
内尺寸: 368*268*142mm
有效内尺寸: 345*260*128mm

EU C 物流箱 (货号: 72912-301)
外尺寸: 400*300*280mm
内尺寸: 368*268*272mm
有效内尺寸: 345*260*260mm



EU D 物流箱 (货号: 72912-401)
 外尺寸: 600*400*280mm
 内尺寸: 568*365*268mm
 有效内尺寸: 540*356*260mm

EU H 物流箱 (货号: 72912-501)
 外尺寸: 600*400*148mm
 内尺寸: 565*365*144mm
 有效内尺寸: 535*348*128mm

EU G 物流箱 (货号: 72912-601)
 常规颜色: 灰色、蓝色。其他颜色可定做。物流箱可做带盖子, 丝网印刷等

(Toyota special) (Part / No.: 72915)

series of standard plastic box is a logistics company uses Toyota's European logistics standard box. This series of products use 100% new high impact modified PP as raw materials, and the use of advanced technology and equipment development and production molds. Since the series of reasonable design, excellent quality, turnover convenient, neatly stacking, Bianyuguanli, but also has oil, acid, alkali, adapt to a wide temperature (-25°C ~ 60°C) and other quality features that make it applicable to transport logistics in warehousing, distribution, turnover and so on. This series of products is mainly applied to Toyota automotive OEM machine supporting units.



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Model	Part / No.	Outer dimensions (mm)) length*width*height	internal dimension (mm) length*width*height	effectivesize (m) L*W*H	Material
EU 2311	72915-101	300*200*120	265*165*114	255*155*104	PP
EU 4311	72915-102	400*300*120	365*265*112	355*255*104	PP
EU 4316	72915-111	400*300*175	365*265*169	355*255*159	PP
EU 4322	72915-112	400*300*230	365*265*222	355*255*212	PP
EU 4611	72915-113	600*400*120	565*365*106	557*357*96	PP
EU 4616	72915-114	600*400*175	565*365*162	557*357*152	PP
EU 4622	72915-115	600*400*230	565*365*217	557*357*207	PP
EU 4633	72915-116	600*400*340	565*365*328	557*357*318	PP
EU 4822	72915-117	800*400*230	765*365*220	760*360*210	PP
EU 4833	72915-118	800*400*340	765*365*330	760*360*320	PP
EU 4911	72915-121	900*400*120	865*365*105	860*360*95	PP
EU 4922	72915-122	900*400*230	865*365*215	860*360*205	PP
EU 8611	72915-123	800*600*120	765*565*105	760*560*95	PP
EU 8622	72915-124	800*600*230	765*565*215	760*560*205	PP
EU 8633	72915-131	800*600*340	765*565*325	760*560*315	PP
EU 41211	72915-151	1200*400*120	1165*365*105	1160*360*95	PP
EU 41222	72915-152	1200*400*230	1165*365*215	1160*360*205	PP

3.1.5. series of standard plastic container stream

HP Series box is a standard plastic stream in Honda promote the use of global standard logistics me. This series of products use 100% new high impact modified PP as raw materials, and the use of advanced technology and equipment development and production molds. Since the series of reasonable design, excellent quality, turnover convenient, neatly stacking, Pianyuguanli but also has oil, acid, alkali, adapt to a wide temperature (-25°C - + 60°C) and other quality characteristics, the it applies to business logistics transportation, warehousing, distribution, turnover and so on. This series of products is mainly applied to Honda OEMs and supporting units.

In addition to the above features, HP box also has its unique advantages:

HP tank wall thickness of the entire process to strengthen and stiffener design, while greatly improving the life of the box, it also meets the special requirements of the industry turnover box load-bearing;

All HP bottom box design is to strengthen the special treatment, impact resistant, and both sides of the card-bit design, coupled with card board to facilitate and manage customer records indicate products;

HP bottom of the box and the box design of more precise mouth when stacking boxes the gap is smaller, secure and safe.



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Model	Part No. /	Outer dimensions (mm)) length*width* height	internal dimension (mm) length*width* height	effectivesize (m) L*W*H	Material
HP-3A	72916-101	365*275*110	330*240*95	320*230*85	PP
HP-3B	72916-102	365*275*160	330*240*145	320*230*135	PP
HP-4A	72916-121	435*325*110	400*290*95	390*280*85	PP
HP-4B	72916-122	435*325*160	400*290*145	390*280*135	PP
HP-4C	72916-123	435*325*210	400*290*195	390*280*185	PP
HP-5A	72916-131	550*365*110	515*330*95	505*320*85	PP
HP-5B	72916-132	550*365*160	515*330*145	505*320*135	PP
HP-5C	72916-133	550*365*210	515*330*195	505*320*185	PP
HP-5D	72916-134	550*365*260	515*330*245	505*320*235	PP
HP-5E	72916-135	550*365*330	515*330*315	505*320*305	PP
HP-6A	72916-141	650*435*110	615*400*95	605*390*85	PP
HP-6B	72916-142	650*435*160	615*400*145	605*390*135	PP
HP-6C	72916-143	650*435*210	615*400*195	605*390*185	PP
HP-6D	72916-144	650*435*260	615*400*245	605*390*235	PP
HP-6E	72916-145	650*435*330	615*400*315	605*390*305	PP
HP-7C	72916-153	730*365*210	695*330*195	685*320*185	PP
HP-7D	72916-154	730*365*260	695*330*245	685*320*235	PP

HP-113B	72916-162	1100*365*160	1065*330*145	1055*320*135	PP
HP-113C	72916-163	1100*365*210	1065*330*195	1055*320*185	PP
HP-115B	72916-172	1100*550*160	1065*515*145	1055*505*135	PP
HP-115C	72916-173	1100*550*210	1065*515*195	1055*505*185	PP
HP-115D	72916-174	1100*550*260	1065*515*260	1055*505*235	PP
HP-115DT	72916-179	1100*550*260	1050*510*245	1010*470*235	PP

3.1.6. Universal plastic containers/parts box



- Meter box Series

Model	Part No.	outer size	Inner size
Laid1#the meter box	72921-101	640*440*165	607*407*153
Laid2 #meter box	72921-102	580*390*148	536*356*142
1421#meter box	72921-103	500*379*128	460*345*120
1202#meter box	72921-104	440*297*113	400*272*105
1053#meter box	72921-105	390*240*100	345*215*90

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# 4meter box	72921-106	315*205*88	275*190*80
805#meter box	72921-107	255*180*78	218*165*70
706#meter box	72921-108	213*145*63	185*128*55
557#meter box	72921-109	176*123*55	155*110*50

- square plate series

model	Part / No.	outer size	Inner size
#1the meter box	72922-101	620*413*97	585*380*85
2#meter box	72922-102	557*375*83	523*340*75
3#meter box	72922-103	438*293*80	410*260*70
4#meter box	72922-104	373*254*65	345*225*60

- common Turnover Box

Model	Part / No.	outer size	Inner size
320the narrowthe box	72923-101	348*240*122	320*215*115
320wide box	72923-102	355*267*125	320*240*122
122360-80tank	72923-103	388*310*89	360*278*80

80360-105box	72923-104	388*310*115	360*278*105
380tank	72923-105	415*312*150	380*277*145
470box	72923-106	500*320*180	470*290*168
460narrow cases	72923-107	490*335*170	460*305*160
460wide box	72923-108	490*365*170	460*335*165
550tank	72923-109	600*400*150	550*360*145
510tank	72923-110	540*375*285	510*345*275
604tank	72923-111	650*440*350	604*396*330

- 450, 456, 500series of box

Model	Part / No.	outer size	Inner size
450-165box	72924-101	486*355*174	450*320*165
165450-185tank	72924-102	486*355*195	450*320*185
185450-235box	72924-103	486*355*245	450*320*235
235465-160tank	72925-101	530*380*170	465*350*160
160465-200tank	72925-102	530*380*210	465*350*200
200465-220tank	72925-103	530*380*230	465*350*210
210465-280tank	72925-104	530*380*290	465*350*280
280500-180tank	72926-101	535*416*192	500*380*180
180500-230tank	72926-102	535*416*240	500*380*230
230500-250tank	72926-103	535*416*260	500*380*250

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250500-290box	72926-104	535*416*300	500*380*290
290500-320box	72926-105	535*412*332	500*380*320
320500-350box	72926-106	535*416*360	500*380*350

- **560 575 series box**

Model	Part / No.	outer size	Inner size
560-290box	72927-101	603*495*303	560*452*290
290560-350tank	72927-102	535*416*240	560*452*350
350560-390tank	72927-103	535*416*260	560*452*390
390575-105tank	72928-101	610*420*115	575*390*105
105575-145box	72928-102	610*420*155	575*390*145
145575-170tank	72928-103	610*420*180	575*390*170
170575-210tank	72928-104	610*420*220	575*390*210
210575-250tank	72928-105	610*420*260	575*390*250
250575-300tank	72928-106	610*420*310	575*390*300
300575-350tank	72928-107	610*420*360	575*390*350
350575-375box	72928-108	610*420*385	575*390*375

- **600, 700series box**

Model	Part / No.	outer size	Inner size
600box	72929-101	667*483*410	600*450*400

400640-120box	72929-102	700*457*130	640*420*120
120640-140tank	72929-103	700*457*152	640*420*140
140640-120tank	72929-104	700*457*170	640*420*160
700cases	72929-106	760*550*465	700*510*488
760tank	72929-107	805*572*505	760*530*494
780tank	72929-108	840*642*480	780*582*467

1. 3.

parts box



● Part box (basket) series

Model	Part / No.	outer size	Inner size
1#parts box	73911-101	345*200*145	285*160*135
2#parts box	73911-102	245*155*120	195*120*105
3#parts box	73911-103	170*115*80	130*90*70
A1#parts cassette	73911-104	179*105*80	157*85*76
A2#parts cassette	73911-105	247*149*125	221*127*120
A3#parts cassette	73911-106	337*200*158	305*171*150

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A4#parts cassette	73911-107	452*200*182	410*176*172
A5#parts cassette	73911-108	452*300*180	410*271*172
A6#parts cassette	73911-109	500*380*250	458*350*248
A7#parts cassette	73911-110	600*400*230	553*370*215
B1#parts cassette	73911-111	110*105*52	92*92*48
B2#parts cassette	73911-112	140*105*75	123*90*70
B3#parts cassette	73911-113	190*105*75	172*90*70
B4#parts cassette	73911-114	220*140*125	202*120*120
B5#parts cassette	73911-115	270*140*120	250*120*120
C1#parts cassette	73911-116	330*235*140	296*207*135
C2#parts cassette	73911-117	276*190*120	245*165*115
C3#parts cassette	73911-118	180*124*80	155*105*75

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1.4.

plastic pallet

● mesh tray nine feet light

Part No. /	size (mm)	and dynamic	static	
75905-101	1100*900*140	0.5T	1T	
75905-102	1200*800*135	0.5T	1T	
75905-103	1100*1100*135	0.5T	1T	X
75905-104	1200*1000*140	0.5T	1T	X
75905-105	1200*1200*135	0.5T	1T	X



● nine feet mesh tray

Part No. /	Size (mm)	Dynamic Load	static	cargo
75911-101	1000*800*150	1T	4T	X
75911-102	1200*800*145	1T	4T	X
75911-103	1000*1000*150	1T	4T	X
75911-104	1200*1000*145	1T	4T	X
75911-105	1200*1100*150	1T	4T	X
75911-106	1100*1100*150	1T	4T	X
75911-107	1200*1200*150	1T	4T	X
75911-108	1300*1100*145	1T	4T	X
75911-109	1400*1200*145	1T	4T	X
75911-110	1400*1400*145	1T	4T	X

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- type plain mesh tray

Part No.	size (mm)	and dynamic	static	cargo
75912-101	1200*800*165	1.2T	4T	0.7T
75912-102	1000*1000*165	1.2T	4T	0.7T
75912-103	1100*1100*165	1.2T	4T	0.7T
75912-104	1200*1000*165	1.2T	4T	0.7T
75912-105	1200*1200*165	1.2T	4T	0.7T
75912-106	1300*1100*165	1.2T	4T	0.7T
75912-107	1400*1200*150	1.2T	4T	0.7T



- Tian-shaped mesh tray

Part No.	size (mm)	and dynamic	static	cargo
75912-201	1200*800*160	1.2T	4T	X
75912-202	1100*1100*165	1.2T	4T	X
75912-203	1200*1000*165	1.2T	4T	X
75912-204	1200*1200*165	1.2T	4T	X

-

- nine feet flat tray

Part No.	size (mm)	and dynamic	static	cargo
75911-201	1200*800*145	1 T	4T	X
75911-202	1000*1000*150	1 T	4T	X
75911-203	1100*1100*145	1 T	4T	X
75911-204	1200*1000*145	1 T	4T	X
75911-205	1200*1200*145	1 T	4T	X
75911-206	1300*1100*145	1 T	4T	X
75911-207	1400*1200*145	1 T	4T	X
75911-208	1400*1400*145	1 T	4T	X

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- plain plate type tray

Part No.	size (mm)	and dynamic	static	
75911-301	1200*800*145	1 T	4T	
75911-302	1000*1000*150	1 T	4T	
75911-303	1100*1100*145	1 T	4T	
75911-304	1200*1000*145	1 T	4T	
75911-305	1200*1200*145	1 T	4T	X
75911-306	1300*1100*145	1 T	4T	X
75911-307	1400*1200*145	1 T	4T	X
75911-308	1400*1400*145	1 T	4T	X



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- field plate shaped tray

Part No.	size (mm)	dynamic load	static	carc
75912-301	1200*800*165	1.2T	4T	X
75912-302	1100*1100*165	1.2 T	4T	X
75912-303	1200*1000*165	1 T	4T	X
75912-304	1200*1000*165	1 T	4T	X



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1.5.

antistatic turnover series

antistatic crates, trays, boxeselement:

antistatic surface resistance of 10^6 to $10^9 \Omega$

conductivity: surface resistance of $10^6 [\Omega]$ or less

absolute : Surface resistance of $10^{12} \Omega$ or more

processing from the electrostatic protection material.

For storing static sensitive components, precision electronic components

surface resistivity: 10^3 to $10^6 \Omega / \text{sq.}$



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3.5.1. Anti-static turnover me



- Normal static circulation box

Part/No.	Code the	against	outer dimension(mm)	Inner Size
72961-101	220-70		260*175*75	220*160*70
72961-102	350-150		396*188*155	350*150*150
72961-103	360-255		390*285*275	360*250*255
72961-104	495-400		520*462*415	495*425*400
72961-105	505-290		555*417*300	508*383*290
72961-106	505-260		555*417*260	508*383*250
72961-107	510-240		545*425*245	510*390*240
72961-108	545-200		595*395*210	545*345*200
72961-109	555-162		591*425*165	555*390*162
72961-110	563-80		600*400*90	563*365*80
72961-111	563-125		600*400*135	563*365*125

72961-112	563-135	600*400*150	563*365*135
72961-113	563-200	600*400*220	563*365*200
72961-114	563-235	600*400*255	563*365*235
72961-115	563-305	600*400*320	563*365*305
72961-116	565-85	606*367*97	565*330*85
72961-117	565-125	606*367*135	565*330*125
72961-118	560-300	600*500*310	560*460*300
72961-119	580-310	615*425*320	580*390*310
72961-120	700-150	750*265*156	700*215*150

- thick reinforcing antistatic totes

Part/No.	against the code	outsized (mm) length*width*height	internal dimension (mm) *Width*height	within the effective size (mm) length*width*height
72962-101	EU -255-104	300*200*120	265*165*114	255*155*104
72962-102	EU -355-104	400*300*120	365*265*112	355*255*104
72962-103	EU- 355-159	400*300*175	365*265*169	355*255*159
72962-104	EU- 355-212	400*300*230	365*265*222	355*255*212
72962-105	EU- 557-96	600*400*120	565*365*106	557*357*96
72962-106	EU- 557-152	600*400*175	565*365*162	557*357*152
72962-107	EU- 557-207	600*400*230	565*365*217	557*357*207
72962-108	EU- 557-318	600*400*340	565*365*328	557*357*318

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72962-109	EU -760-210	800*400*230	765*365*220	760*360*210
72962-110	EU -760-320	800*400*340	765*365*330	760*360*320
72962-111	EU- 860-95	900*400*120	865*365*105	860*360*95
72962-112	EU -860-205	900*400*230	865*365*215	860*360*205
72962-113	EU -760-95	800*600*120	765*565*105	760*560*95
72962-114	EU -760-205	800*600*230	765*565*215	760*560*205
72962-115	EU- 760-315	800*600*340	765*565*325	760*560*315
72962-116	EU- 1160-95	1200*400*120	1165*365*105	1160*360*95
72962-117	EU- 1160-205	1200*400*230	1165*365*215	1160*360*205
72962-118	HP-320-85	365*275*110	330*240*95	320*230*85
72962-119	HP-320-135	365*275*160	330*240*145	320*230*135
72962-120	HP-390-85	435*325*110	400*290*95	390*280*85
72962-121	HP-390-135	435*325*160	400*290*145	390*280*135
72962-122	HP-390-185	435*325*210	400*290*195	390*280*185
72962-123	HP-505-85	550*365*110	515*330*95	505*320*85
72962-124	HP-505-135	550*365*160	515*330*145	505*320*135
72962-125	HP-505-185	550*365*210	515*330*195	505*320*185
72962-126	HP-505-235	550*365*260	515*330*245	505*320*235
72962-127	HP-505-305	550*365*330	515*330*315	505*320*305
72962-128	HP-605-85	650*435*110	615*400*95	605*390*85
72962-129	HP-605-135	650*435*160	615*400*145	605*390*135

72962-130	HP-605-185	650*435*210	615*400*195	605*390*185
72962-131	HP-605-235	650*435*260	615*400*245	605*390*235
72962-132	HP-605-305	650*435*330	615*400*315	605*390*305
72962-133	HP-685-185	730*365*210	695*330*195	685*320*185
72962-134	HP-685-235	730*365*260	695*330*245	685*320*235
72962-135	HP-1055-135	1100*365*160	1065*330*145	1055*320*135
72962-136	HP-1055-185	1100*365*210	1065*330*195	1055*320*185
72962-137	HP-1055-135A	1100*550*160	1065*515*145	1055*505*135
72962-138	HP-1055-185B	1100*550*210	1065*515*195	1055*505*185
72962-139	HP-1055-235	1100*550*260	1065*515*260	1055*505*235
72962-140	HP-1010-235	1100*550*260	1050*510*245	1010*470*235

•

1.1.2. Antistatic tray



Part/No.	Code against the	outer dimension(mm)	Inner Size
72963-101	215-25	266*166*37	215*155*25
72963-102	276-20	285*195*25	276*185*20
72963-103	305-28	317*231*40	305*217*28

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72963-104	305-43	317*231*58	305*217*43
72963-105	360-18	375*310*28	360*295*18
72963-106	360-35	375*275*42	360*260*35
72963-107	322-80	350*245*88	322*215*80
72963-108	435-35	448*295*41	435*278*35
72963-109	435-62	450*295*70	435*280*62
72963-110	479-29	495*495*33	479*479*29
72963-111	466-30	495*395*40	466*370*30
72963-112	510-35	528*368*42	510*350*35
72963-113	510-50	528*368*57	510*350*50

1.1.3. Antistatic component boxes





Part/No.	Outer dimensions (mm)) length*width* height	internal dimension (mm) L*W*H	Remark
73961-101	130*125*65	110*105*55	bevel member cartridge (hanging)
73961-102	160*98*70	148*85*60	bevel member cartridge (hanging)
73961-103	197*130*90	180*113*80	bevel member cartridge (hanging)
73961-104	233*159*120	215*140*112	bevel member cartridge
73961-105	138×93×46	127×87×42	combinations drawer type cartridge element
73961-106	240*140*70	233*127*58	drawer element composition cartridge
73961-107	120*45	115*40	circular element box (without
73961-108	202×123×50	198×114×41	cartridge (lid)

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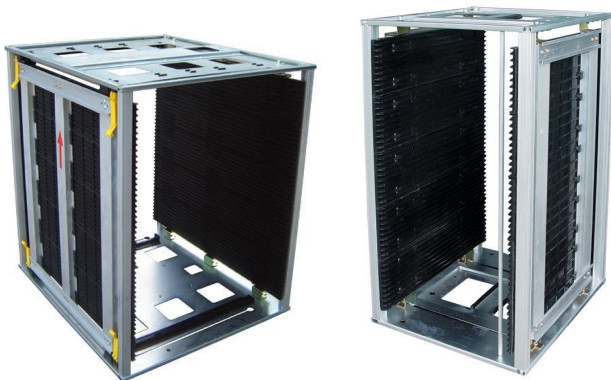
1.1.4. PCB turnover rack



Part/No.	name	size(L* W *H) mm	Remarks
74961-201	LstainlessPCBrevolving rack	410×280×165	can storethe PCB50
74961-301	LplasticPCBworking frame	265×205×95	can storethe PCB25
74961-401	stripPCBcirculation rack	480×140×35	can storethe PCB25

1.6.

antistatic SMT magazine rack



Part/No.	Against code	Dimensions(mm)) length*width* height	adjusta ble range mm	wid th mm	groo ve dept h mm	pitc h mm	number storag e	adjus tment
74965-101	SDW-06A-03-20	355*320*263	50-250	5.5	3.5	10	25pcs	automatically
74965-102	SDW-06A-03-30	355*320*363	50-250	5.5	3.5	10	30pcs	automatically
74965-103	SDW-06A-04-20	355*320*263	50-250	5.5	3.5	10	20pcs	manually
74965-104	SDW -06A-02T	355*315*580	80-250	7	3.5	10	50pcs	manually
74965-105	SDW -06A-03	355*320*563	50-250	5.5	3.5	10	50pcs	automatically
74965-106	SDW -06A-04	355*320*563	50-250	5.5	3.5	10	50pcs	manually
74965-107	SDW -06A-06	460*400*563	50-330	5.5	3.5	10	50pcs	automatically
74965-108	SDW-06A-07	460*400*563	50-330	5.5	3.5	10	50pcs	manual
74965-109	SMS-06A-08	535*460*570	50-390	5.5	3.5	10	50pcs	automatically

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7. station and table

3. 6.

table: work tables,
heavy maintenance
tables



Part No. /	Type	Size W*D*Hmmm
91912-101	NDSB-1500-2	1500*750*800
91912-102	NDSB-1800-2	1800*750*800
91912-103	NDSB-2100-2	2100*750*800

Part No. /	Type	Size W*D*Hmmm
76911-101	DSB-1500-1	1500*750*800
76911-102	NDSB-1800-1	1800*750*800
76911-103	NDSB-2100-1	2100*750*800



Part/No.	type	Size W*D*Hmmm
76913-101	NDSB-1500-3	1500*750*800
76913-102	NDSB-1800-3	1800*750*800
76913-103	NDSB-2100-3	2100*750*800
Part/No.	type	Size W*D*Hmmm
76914-101	NDSB-1500-4	1500*750*800
76914-102	NDSB-1800-4	1800*750*800
76914-103	NDSB-2100-4	2100*750*800



Part/No.	型号	尺寸 W*D*H mm
76915-101	SDW-1500-5	1500*750*800
76915-102	SDW-1800-5	1800*750*800
76915-103	SDW-2100-5	2100*750*800

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Part/No.	type	Size W*D*Hmmm
76916-101	SDW-1500-6	1500*750*800
76916-102	SDW-1800-6	1800*750*800
76916-103	SDW-2100-6	2100*750*800



Part/No.	type	Size W*D*Hmmm
76917-101	SDW-1500-7	1500*750*800
76917-102	SDW-1800-7	1800*750*800
76917-103	SDW-2100-7	2100*750*800

Part/No.	type	Size W*D*Hmmm
76918-101	SDW-1500-8	1500*750*800
76918-102	SDW-1800-8	1800*750*800
76918-103	SDW-2100-8	2100*750*800



Part/No.	type	Size W*D*Hmmm
76919-101	SDW-1500-9	1500*750*800
76919-102	SDW-1800-9	1800*750*800
76919-103	SDW-2100-9	2100*750*800

Part/No.	type	Size W*D*Hmmm
76919-101	SDW-1500-10	1500*750*800
76919-102	SDW-1800-10	1800*750*800
76919-103	SDW-2100-10	2100*750*800



Part/No.	type	Size W*D*Hmmm
76921-101	SDW-1500-11	1500*750*900+900
76921-102	SDW-1800-11	1800*750*900+900
76921-103	SDW-2100-11	2100*750*900+900

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Part/No.	type	Size W*D*Hmmm
76922-101	SDW-1500-12	1500*750*900+900
76922-102	SDW-1800-12	1800*750*900+900
76922-103	SDW-2100-12	2100*750*900+900



Part/No.	type	Size W*D*Hmmm
76923-101	SDW-1500-13	1500*750*900+900
76923-102	SDW-1800-13	1800*750*900+900
76923-103	SDW-2100-13	2100*750*900+900

Part/No.	type	Size W*D*Hmmm
76922-101	SDW-1500-14	1500*750*900+600
76922-102	SDW-1800-14	1800*750*900+600
76922-103	SDW-2100-14	2100*750*900+600



Part/No.	type	Size W*D*Hmmm
76924-101	SDW-1500-15	1500*750*900+900
76924-102	SDW-1800-15	1800*750*900+900
76924-103	SDW-2100-15	2100*750*900+900

Part/No.	type	Size W*D*Hmmm
76925-101	SDW-1500-16	1500*750*900+900
76925-102	SDW-1800-16	1800*750*900+900
76925-103	SDW-2100-16	2100*750*900+900

1.2. anti-static work chair

material characteristics:conductivePUmaterial integrally molded, stamped steel inserts containing base ergonomic, between the backrest and the seat by a high-manganese steel connection, anti-static and dust-free clean effect in full compliance withESD / EOSstandard.

Surface resistance: 10^7-10^9 ohms Applicable:CLASS 1 ~ 100stage

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Alternatively high cylinder, with cadence

optionally wheel black/gray fixed wheel, wheel, aluminum wheel



SDW-6820 steel stool
surface

(Part / No.: 76981-101)



SDW-2210(stool)SDW-4150 stools soft

/No.: (Part76981-103)



4150Stool soft surface
2341(Highchair)

(Part / No.: 76981-104)



SDW-
SDW-2340(lowchair)SDW-



SDW-2340B(aperturedlowchair)SDW-3561high chair backrest soft surface
SDW-3560soft surface chairs

(Part/No. : 76981-107) (Part/No. : 76981-108) (Part/No. : 76981-109)



SDW-3562high-chair with the back surface of the soft armrest

(Part/No. : 76981-111)

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8. Tools, cabinets, tools, vehicles, materials and other cabinet

9. tool cart, trolley, tool cart, turtle car, truck

9.1. Tool cart

tool cabinet is removable for safety at the production site and reasonable transportation tools and accessories. Drawer with safety buckle, the vehicle can be prevented from slipping out of the tool which moves outside the drawer; casters with brake sturdy to withstand the impact of irregularities in the floor.



Trolley -1 (Part / No.: 78961-101)



Tool cart -2 (Part / No.: 78961-102)



Trolley -3 (Part / No.: 78961-103)



Trolley -4 (Part / No.: 78961-104)



Trolley -5 (Part / No.: 78961-105)



Trolley -6 (Part / No.: 78961-106)



Trolley -7 (Part / No.: 78961-107)



Trolley -8 (Part / No.: 78961-108)

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Trolley -9 (Part / No.: 78961-109
110)



tool cart -10 (Part / No.: 78961-



Tool cart -11 (Part / No.: 78961-111
112)



tool cart -12 (Part / No.: 78961-



Tool cart -13 (Part / No.: 78961-113
114)



tool cart -14 (Part / No.: 78961-

3.1.1. Logistics carts



trolleys -1 (Part / No.: 78962-101)

trolley -2 (Part / No.: 78962-102)



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Trolleys -3 (Part / No.: 78962-103)

trolley -4 (Part / No.: 78962-104)

3.6.1. Tool Cart



Tool car -1 (Part / No.: 78963-101)



Tool cart -2 (Part / No.: 78963-102)

Tool car -3 (Part / No.: 78963-103)

3.6.2. Turtle car

turtle car is a self without power, without handle logistics tools, widely used in metal, electronics, machinery spare parts, refrigeration, storage, workshop materials, transportation and other industries, but also has the following characteristics:

the body is made ofPP,light weight.

Means having outer dimensions of the largest dimension of the caster.

Optional brakes, anti-static casters.

Limited working temperature-25 °C - +70 °C

stackable storage, the use of space-saving



Turtle car 1 (Part / No.: 78964-101
78964-102)

turtle car 2 (Part / No.: 78964-102)



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3. 1.

Tool cabinets, tool
cabinets, materials
counters, filing
cabinets, wardrobe

3.6.3. Tool Cabinet



Tool cabinet -1 (Part / No.: 77911-101)



Tool cabinet -2 (Part / No.: 77911-102)



Tool cabinet -3 (Part / No.: 77911-103)



Tool cabinets -4 (Part / No.: 77911-104)



tool cabinet -5 (Part / No.: 77911-105)

3.6.4. Tool cabinet



Tool cabinet -1 (Part / No.: 77912-101)

Tool cabinet -2 (Part / No.: 77912-102)

3.6.5. Material cabinet



Material cabinet 1 (Part / No.: 77915-101 / No.: 77915-10)

material cabinet 2 (Part / No.: 77915-10)

Type	Dimensions
E030-1	W900 * D500 * H1800
Type	Dimensions
	E900 W 900 * D 500 * H

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Part/No.	line	Dimensions
77916-101	E022-1	W900*D500*H1800
77916-102	E022-2	W1023*D600*H1800

Material cabinet 3

Part/No.	No.	dimensions
77916-103	E023-1	W900*D500*H1800
77916-104	E023-2	W1023*D600*H1800

material cabinet 4



Material cabinet 5



cabinet material 6

Part/No.	No.	dimensions
77916-105	E024-1	W900*D500*H1800
77916-106	E024-2	W1023*D600*H1800

Part/No.	No.	dimensions
77917-101	E025-1	W900*D500*H1800
77917-102	E025-2	W1023*D600*H1800

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material cabinet 5



cabinet materia l6

Part/No.	No.	dimensions
77916-107	E027-1	W900*D500*H1800
77916-108	E027-2	W1023*D600*H1800

Part/No.	No.	dimensions
77917-103	E028-1	W900*D500*H1800
77917-104	E028-2	W1023*D600*H1800

1.1.4. file cabinet



file cabinet-1

(Part/No. : 77951-101)



file cabinet-2

(Part/No. : 77951-102)



file cabinet

(Part/No. : 77951-103)

3.6.6. locker



locker-1

(Part/No. : 77961-101)



locker-2

(Part/No. : 77961-102)



locker

(Part/No. : 77961-103)

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- 1.3. tray rack, FEEDER
racks, tool racks,
tool racks

3.1.1. tray rack

SMTtray rack, also known as anti-static tray cart, SMTmaterial truck, SMTtray cart, SMTtray working vehicles. The mainforSMTproductionline traytransportation and storagemanufacturing.

SMTfeed tray specifications: length1215MMand910MMtwo sizes (width are 457mm),length may beaccording to yourbe2.0them, each layer can be adjustedpitch could any disassembly, any combination thereof.

Composition: mainly by singlet, doublet mesh, pillars, clips, wheels, chains etc conductive

advantages:

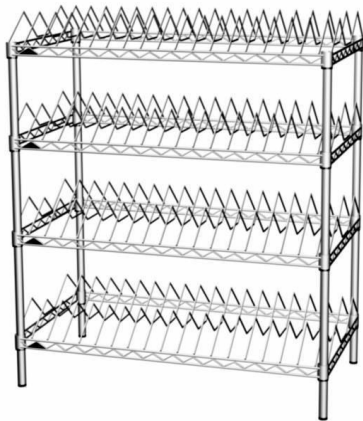
1,the number of layers and select unimodal bimodal mesh installed, the user must own tray according to the size and store the number to decide. Aniseed disk storage for a single peak, peaks suitable for storing small trays.

2,the number of layers for more strut tray cart, the installation direction of the handle on the car side of the strut.

3,does not require frequent mobile users fixed store, the wheels may not be optional, when rack used.

4,the user, if necessary, can be installed flat web.

5,low cost material chrome steel, stainless steel high cost.



tray rack-1

(Part/No. : 78911-101)
103)



feedchassis-2

(Part/No. : 78911-102)



tray rack

(Part/No. : 78911-

3.6.7. Tool holder



(Part/No. : 78921-101)
103)



(Part/No. : 78921-102)



(Part/No. : 78921-

Type	Size (mm)
WLZLJ002	960*610*1450
Type	Size (mm)
WLZLJ003	960*610*1600

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Type	Size (mm)
WLZLJ001	960*410*1450

9. cabinet nitrogen, moisture cabinet, constant temperature and humidity test cabinet

3.7.

nitrogen cabinet,
moisture-proof
cabinets



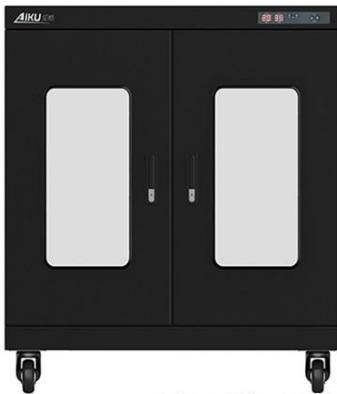
(Part/No. : 77991-101)



(Part/No. : 77991-102)

Model:	AK-188	AKS-188	AKSS-188
Specification	20-60%RH	10-20%RH	≤5%RH
power:	8W	16W	16W

external dimensions:	W450*D450*H940 (mm)		
internal	W448*D448*H860 (mm)		
laminate:	3		
Model:	AK-290	AKS-290	AKSS-290
Specification	20-60%RH	10-20%RH	≤5%RH
power:	8W	16W	24W
external dimensions:	W600*D400*H1370 (mm)		
internal	W598*D375*H1200 (mm)		
laminate:	3		



Model:	AK-490	AKS-490	AKSS-490
Specification	20-60%RH	10-20%RH	≤5%RH
power:	16W	24W	32W
external dimensions:	W600*D670*H1374 (mm)		
internal	W598*D645*H1204 (mm)		
laminate:	3		

(Part/No. : 77991-103)

(Part/No. : 77991-104)

Model:	AK-308	AKS-308	AKSS-308
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Specification	20-60%RH	10-20%RH	≤5%RH
power:	16W	16W	24W
external dimensions:	W600*D400*H1370 (mm)		
internal	W598*D375*H1200 (mm)		
laminate:	3		



(Part/No. : 77991-105)



(Part/No. : 77991-106)

Model:	AK-760	AKS-760	AKSS-760
Specification	20-60%RH	10-20%RH	≤5%RH
power:	16W	32W	48W
external dimensions:	W600*D670*H1910 (mm)		
internal	W598*D645*H1740 (mm)		
laminate:	5		

Model:	AK-980	AKS-980	AKSS-980
Specification	20-60%RH	10-20%RH	≤5%RH

power:	24W	48W	64W
external dimensions:	W1200*D670*H1374 (mm)		
internal	W1198*D645*H1204 (mm)		
laminate:	3		



Model:	AK-1400	AKS-1400	AKSS-1400
Specification	20-60%RH	10-20%RH	≤5%RH
power:	32W	64W	72W
external dimensions:	W1200*D670*H1820 (mm)		
internal	W1198*D645*H1650 (mm)		
laminate:	5		

(Part/No. : 77991-107)

(Part/No. : 77991-108)

Model:	AK-900	AKS-900	AKSS-900
Specification	20-60%RH	10-20%RH	≤5%RH
power:	24W	48W	64W

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external dimension s:	W900*D600*H1910 (mm)
internal	W898*D575*H1740 (mm)
laminate:	5

Model:	AK-2000	AKS-2000	AKSS-2000
Specificati on	20-60%RH	10-20%RH	≤5%RH
power:	32W	64W	72W
external dimensions:	W1200*D670*H1910 (mm)		
internal	W1198*D645*H1740 (mm)		
laminate:	5		



(Part/No. : 77991-109)

1.2.

Temperature and humidity chamber

(Part/No. : 51911-102) Humidity Chamber object is simulated product temperature and humidity in the climate composition conditions (high low temperature operation, & storage temperature cycling high temperature and humidity, low humidity, dew... condensation, etc. test), detecting the product itself and adaptability whether to change the properties. * must meet the specifications of international requirements (IEC, JIS, GB, MIL to achieve international consistency of measurement procedures (including test procedures, conditions, methods)



Humidity Chamber Features

- ◆ withstand large storage volume with heat load region and the
- ◆ U.S. using novel PWM control technology to achieve low-temperature refrigerant energy-saving operation
- ◆ test article no condensation preventing control condition
- ◆ communication configuration RS232 interface and USB store download
- ◆ machine multiple alarm monitoring, remote configuration of a wireless alarm
- ◆ most safe and regeneration waterway system water loop circulation system
- ◆ humidity effect can reach 15 °C / 5% RH performance, fast dehumidification
- ◆ ability to prevent static electricity consumption, to achieve the best industry properties

temperature and humidity box standard application

Execution and to meet the standards

1. GB/T10589-1989 low temperature test 2. GB/T10586-1989

chambers; humid chamber technical 3. GB/T10592-1989

conditions; high and low temperature test 4. GB2423.1-

chambers; 89 low-temperature test 5. GB2423.3-93 Ab;

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(IEC68-2-3) Aa, damp heat testCa;

6. MIL-STD810D method 7. GB/T2423.4-93

502.2; (MIL-STD810) method 507.2 program 8. GJB150.9-8

3; humidity

9. GB2423. 34-86, test; MIL-STD883C method 1004.2 combination of temperature and humidity cycle test.

10. IEC68-2-1 Test 11. IEC68-2-2

A Test B high and low temperature

12. IEC68-2-14 test N

Humidity Chamber technical parameters

Models	BYH-150	BYH-225	BYH-408	BYH-800	BYH-1000
Inside Dimensions W x D x H cm	50X50X60	50X60X75	60X80X85	100X80X100	100X100X100
Outside Dimensions W x D x H cm	115X75X150	115X85X165	130X105X170	165X105X185	170X125X185
Precool/Preheat Range	-70°C, -40°C, -20°C, 0°C ~ +150°C				
Shocking Range	20%RH ~ 98%RH				
Time Range	0 hour 1 min ~ 9999 hour 59 min/segment				
Resolution	±0.01°C/min, ±0.1%RH/min				
Control Constancy	±0.5°C, ±2.0%RH				
Temperature uniformity °C	±1.0°C (-40°C ~ 100°C) / ±2.0°C (-40°C ~ +70°C; +100.1°C ~ +150°C)				
Humidity uniformity %RH	±3.0%RH				
Micro Controller	BYH-600				

1.3.

two box-type high temperature impingement box

(Part/No. : 51912-101) two high and low temperature impact test chamber box can be used to test a material or composite structure, in an instant by a very high temperature and degree of cryogenic temperature environment can tolerate **continuous**, whereby in the shortest time tested for physical damage or chemical change due to thermal expansion and contraction caused by suitable objects include metal, plastic, rubber, electronics... **Materials**, products can be improved as a basis or reference.



High and low temperature impact test chamber
FEATURES

- ◆ optimal structural design to ensure smooth movement of the test zone
 - ◆ using the new PWM technology to achieve low-temperature cooling control 40% energy-saving operation
 - ◆ communication configuration RS232 interface and USB stored curved download
 - ◆ machine multiple alarm monitoring configured wireless remote alarm
 - ◆ impact test traveling time 5 within seconds to meet MIL, IEC, JIS specification
 - ◆ LN2V scalable: rapid cooling in liquid nitrogen controller
 - ◆ world's first over-temperature protection and the protection function setting conditions foolproof
 - ◆ Machine multiple protection devices, Error Fault Table software means Application of standard high and low temperature impact test chamber
- T2423.1-1989, GB /low temperature test T2423.2-1989
2, methods; GB /high temperature test T2423.22-1989
3, methods; GB /temperature test;
4, GJB150.5-86 temperature impact GJB360.7-87

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5, test;temperature impact GJB367.2-87

6, test;405temperature shock test.

Two high and low temperature impact test chamber box technical parameters

Models	BYT-A	BYT-B	BYT-C
Inside W x D x H cm	Dimensions 40X40X30	50X50X30	60X60X30
Outside W x D x H cm	Dimensions 136X192X205	146X230X220	162X232X220
Preheating Temperature	+60.00℃ ~ +200.00℃		
Precooling Temperature	-10.00℃ ~ -70.00℃		
HTShocking	+60.00℃ ~ +150.00℃		
LTShocking	-10.00℃ ~ -65.00℃ / -55.00℃ / -40.00℃		
Time Range	0 hour 1 min ~ 9999 hour 59 min/segment		
Recovery time	-40.00/-55.00/-65.00℃ ~ +150.00℃ /5min		
Resolution Temperature	±0.01℃/Time:1 min		
Control Constancy	±0.5℃		
Temperature uniformity	±2.00℃以内 (under±2.00℃)		
Micro Controller	BYT-2010		

1.4.

BYG series of high and low temperature chamber

(Part/No. : 51913-101)

Usage:

Objective high and low temperature test chamber is simulated product under ambient climatic temperature conditions (high low temperature operation, & storage condensation test...etc.), the ability to adapt itself to the characteristics of the product detected is changed.

Meet the specifications of international requirements (IEC, JIS, GB, MIL) to achieve international consistency of measurement procedures (including test procedures, conditions, methods) to avoid different cognitive, and narrow range of measurement uncertainty occurs.



Features

the same volume withstand greater heat load and storage area

U.S. novel using PWM control technology to achieve low-temperature refrigerant energy-saving operation

to prevent control condition of the test article no condensation

communication configuration RS232 interface and USB storage download

Alarm monitoring multiple machines, configure the wireless remote alarm function

to prevent the strong static electricity saving capability to meet the best performance in the industry

to meet the GB11158

standards:	high	temperature	test	chambers
GB10589	temperature	chamber	technical	conditions
GB10592-89	high	and	low	temperature
GB / T2423.1-2001	low	temperature	chamber	test
GB / T2423.2-2001	temperature	chamber	test	method
GB / T2423.22-2001	temperature	test	methods	

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IEC60068-2-1.1990	test	methodcold	box
IEC60068-2-2.1974	test	methodhigh temperature	chamber
GJB150.3		temperature	test
GJB150.4	lowtest		

Specification Description:

Models	BYG-150	BYG-225	BYG-408	BYG-800	BYG-1000
Inside Dimensions W x D x H cm	50X50X60	50X60X75	60X80X85	100X80X100	100X100X100
Outside Dimensions W x D x H cm	115X75X150	115X85X165	130X105X170	165X105X185	170X125X185
Precool/Preheat Range	-70℃,-40℃,-20℃,0℃ ~ +150℃				
Time Range	0 hour 1 min ~ 9999 hour 59 min/segment				
Resolution	±0.01℃/min,±0.1%RH/min				
Control Constancy	±0.5℃, ±2.0%RH				
Temperatureuniformity℃	±1.0℃(-40℃~100℃)/±2.0℃(-40℃~+70℃;+100.1℃~+150℃)				
Micro Controller	BYH-600				

1.5.

BYKseries of high and low temperature

(Part/No. : 51914-101) BYKseries type high-humidity cold box, in addition to simulated product temperature and humidity in the general climate composition conditions (highlow temperatureoperation, &storage temperature cycling, high temperature and humidity, condensationtest)..etc., and the ability to adapt to detect characteristics of the product itself has changed , as well as the productata (lowtemperature and low humidity, high temperatures and low humidity, high temperature and humidity dropped to low humidity..etc) towetherwill crack occurs



environment, damage, additional amount of static electricity in the air and low humidity environment is then normal 30 more than times environment, According to statistics, semiconductor damage rate: 59% is caused by static electricity. ※ must meet the specifications of international requirements (IEC, JIS, GB, MIL) to achieve international consistency of measurement procedures (including test procedures, conditions, methods) to avoid different cognition, and narrow range of measurement uncertainty occur.

Features:

Effect of humidity can reach 10% °C / 10 RH performance, fast speed dehumidification

Ultra-low long cold wet-running row without condensation technology

Condensation drying stage may perform pre-test test conditions

communication configuration RS232 interface and USB store download

machine multiple alarm monitoring, remote configuration of a wireless alarm

The most secure and reproducing system water loop water circulation system

Automatic test products with the compressor capacity control of refrigerant flow rate to save power

Prevent strong static electricity saving capability to meet the industry best performance

BYK low temperature to meet high

standards: 5% RH: 20 °C /

10% RH: 10 °C / 10

RHRH: 2020% °C /

Specification Description:

Models	BYK-800	BYK-1000
Inside Dimensions W x D x H cm	100X80X100	100X100X100
Outside Dimensions W x D x H cm	165X125X195	165X155X195

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Precool/Preheat Range	-70℃,-60℃,-50℃,-40℃,-30℃,-20℃,-10℃,0℃~150℃
Shocking Range	5%RH ~ 98%RH
Time Range	0 hour 1 min ~ 9999 hour 59 min/segment
Resolution	0.01℃/min,0.1%RH/min
Control Constancy	±0.2℃, ±2.0%RH
Micro Controller	BYH-600

1. 6.

high temperature chamber precision

(Part/No. : 51915-101) Precision high temperature chamber for electronics and electric, motorized vehicle, ship weapons, universities, research institutes and other related products, parts and materials under high temperature constant temperature changes, test its performance.

Features precision temperature chamber

material: material SUS stainless steel used, the outer material used SECC high temperature resistant steel, and powder coating process.

Motor cycle: high-quality high-temperature long axis of the motor.

Air supply system: a turbine fan is a multi-leaf type.

Sealing: silicone Packing (Silicon Packing)

protection systems: over-temperature protection, overload automatic power-off system.

Circulation: forced air circulation level special duct design, the heating temperature uniform.

Heating method: PID + SSR.

Thermostat: PID microcomputer control, PV / SV also showed belt chronograph function.



Optional: Optional reinforced glass window type, to facilitate observation.

Precision high-temperature test chamber to meet the standards

of this product meet **GB 2423.2--2001** other national standards, as well as requirements and other relevant standards. strictly **GB 10592--89** temperature chamber technical design and manufacturing conditions, and may be military standard test requirements GJB150.3-86, GJB150.4-86.

Precise temperature chamber technical parameters

model(cm)	GW-100	GW-225	GW-500	GW-800	GW-010
Studio Size	45*45*50	50*60*75	80*70*90	80*100*100	100*100*100
dimensions	73*113*92	88*128*109	95*78*150	109*149*131	130*171*153
power(200℃time)	2.0(KW)	2.5(KW)	3.0(KW)	3.5(KW)	4.0(KW)
performance index	temperature range	RT+10℃~200℃、300℃			
	control accuracy of	±1%(full scale)			
	temperature fluctuation of	±1℃			
	temperature uniformity of	±2℃ (200℃以内) ±4℃ (300℃以内)			
to control system	controller	LED digital display, I, D + S, microcomputer integrated controller			
	heating	system fully independent system, the electrically heated nichrome heater			
	time range	1~9999min			
	Xunhuanjiting	temperature low-noise motor. leafy centrifugal wind wheel			
security	leakage, short circuit, over-temperature, motor overheating, an overcurrent protection				
into (out of) the air volumefunction	adjustment knob manually				
the supply voltage	AC220V / AC380V 50Hz				

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1.7.

air ventilation temperature aging test box

(Part/No. : 51916-101)

Air ventilation chamber high temperature aging for heat resistance test electrical insulating materials, electronic parts, plastic products, ventilation aging test. Assessment and determination of their storage and use under high temperature conditions adaptability sample after aging in air at atmospheric pressure and high temperature simulated properties thereof were measured and compared with unaged samples to be performance.

High temperature aging characteristics air ventilation chamber

large observation window with bright lights to keep the box, and the use of tempered glass, always clear observation box condition.

Xunhuanxitong by the hot air at a high temperature can be continuously operated fan and a special air duct, working chamber temperature uniformity.

Aging tank equipped with a low-speed rotary unit.

Cabinet insulation using fine glass fiber insulation cotton, to avoid unnecessary energy loss.

Left housing with a diameter 50mm bore of test, for testing power line or signal line.

The ventilation time and frequency can be set.

Aging temperature chamber, air ventilation to meet the standards

T3512-2001, GB /JB7444-1994, UL1581



Aging chamber ventilation Technical Specifications:

Model	BY-HQ100	BY-HQ150
chamber	450×450×500 (mm)	500×500×600 (mm)
Dimensions:D W × H×	870×750×1450	900×800×1650
total power	1.5KW	2.5KW
weight	240kg	310kg
temperature range	RT+10°C~300°C	
uniformity of	±2°C	
temperature fluctuation	±0.5°C	
ventilation time	1 min~9999 h adjustable	
controller	Imported LED number significant P, I, D + S, microcomputer integrated controller	
Range accuracy	Setting accuracy: temperature 0.1°C, indicating accuracy: temperature of 0.1°C, resolution: 0.1°C	
Heating system	system fully independent system, the electrically heated nichrome heater	

1.8.

vacuum drying chamber

(Part/No. : 51917-101) Vacuum drying chamber for electronics and electric, motorized vehicle, ship weapons, universities, research institutes and other related products, parts and materials in the case of high-temperature vacuum constant temperature changes, test its performance.

Features vacuum drying chamber

material: material SUS stainless steel used, the outer material used SEC high temperature resistant steel, and powder



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coating process.

Motor cycle: high-quality high-temperature long axis of the motor.

Air supply system: a turbine fan is a multi-leaf type.

Sealing: silicone Packing(**SiliconPacking**)

Vacuum high temperature: resistant to high vacuum, up to $5 * 10^{-3}$ Torr.

High Temperature Vacuum: pumping valve and the intake valve by valve, easy to use, compact and high.

Protection system: over-temperature protection, over load automatic power-off system.

A cyclic manner: high-temperature vacuum heat radiation and natural convection.

Heating method:**PIDSSR**.

Thermostat:**PID**microcomputer control, **PV / SV**also showed that key set to warm to time, time to cut off the heating current.

Optional: Optional reinforced glass window type, to facilitate observation

Standard Vacuum drying chamber:

This product meets**GB 2423.2--2001**the national standardthe like, as well as requirements and other relevant standards.strictly**GB 10592--89**temperature chambertechnical design and manufacturing conditions, and may be military standard test requirements**GJB150.3-86, GJB150.4-86**.

Vacuum drying chamber Specifications :

Model	inner dimension W * H * D, cm	external dimension W * H * D, cm	temperature range of	the voltage/current	spacer frame
BY-ZK27 (P)	30X30X30	50*76*47	RT 10°C~ 200°C	220/380V/9A	2
BY-ZK72 (P)	40X40X45	60*86*62	RT 10°C~ 200°C	220/380/12A	2
BY-ZK125 (P)	50X50X50	79*110*75	RT 10°C~ 200°C	220/380V/18A	2
BY-ZK216 (P)	60X60X60	89*120*85	RT 10°C~ 200°C	220/380V/24A	2

10. cleanroom specialcleaning equipment

11. vacuum cleaners for

11.1. LRCseries clean room cleaner

(Part / No.: 66981-101)-23,, LRCLRC-30three LRC-

models)series clean room vacuum cleaner boiler system (four filtration system)

a first layer of filter/bag (disposable)

a second layer filter/filter cloth enlarged (washable)

a third layer filter/motor protection sleeve (washable)

filtering the fourth layer/ the HEPAfilter



voltage	220-240V	suction hose	2.5m
power	1200W	telescopic tube length	1050mm
stream	96cfm 42 L/sec	capacity	LRC-15(15liters) 、 LRC-23(23liters) 、 LRC-30(30liters)
dust amount	99~H20 3200mm H20	size	L*W*H(40cm*40cm*63cm) LRC-15 L*W*H(40cm*40cm*70cm) LRC-23 L*W*H(40cm*40cm*86cm) LRC-30
vacuum suction	22Kpa	machine weighs	8.5kg

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Guarantee noise	62dp	power length	cord 12m
--------------------	------	-----------------	-------------

supplies commonly used: a dust collecting bag (disposable), in effect filters, motor protection cover, high efficiency filter(HEPAorULPA)

No.	PartsNo.	Part name
1	075901	dustbag
2	075902	suction brush
3	075903	round brush
4	075904	sofasuction
5	075905	flatnozzle
6	075906	metal telescopic tube
7	075907	suction hose
8	075908	adjustable air trap
9	075909	quick connector

1.1.2. DanishGM-80Pclean room cum leaner

(Part/No. : 66981-201) filtration system of
the four



first-level filtering: dustbag (disposable)

a second layer filter: a main filter cloth (washable)

The third layer is filtered: the motor protector (washable)
 filtering the fourth layer:the HEPAorULPAfilter

type motor	the motor external	
power consumed by	w	1200
air flow	Usec	38
vacuum pressure	mm / mg	2270
tone values	db (A)	61
main filter area	cm2	2600
capacitydust container	l	12.25
papercapacity	l	6.25
wt	kg	5.0
high X-barrel diameter	mm	410 * 300

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11. other selection customized products

1. instruments

-capacitance meter (Part / No: 83331-100.)

-resistance tester (Part / No: 83341-100.)

oscilloscope (Part / No: 83351-100.)

level (Part / No: 81311-100)

temperature tester (Part / No: 83391-100)

2. identification tag (Part / No: 69100-100)

area identification-ground tape, tape table, region identification etc.

-state flag-product state flag, state identification device, the process Identity management, 5S logo, etc.

-Security Warning-warning tape, warning marks/signs

-propaganda show-propaganda posters, billboards and other visual

3. station equipment

--FEEDER storage rack (Part / No: 78990-100.)

explosion-proof cabinets (Part / No: 77810-100)

Packaging Packaging machine (Part / No: 90810-100.)

vacuum (Part / Nopacker: 90810-200.)

-point feeder (Part / No: 90810 -

300.

cropper (Part / No: 90810-400.)

clean/anti-static environments

-static test instrument (Part / No: 83861-200.)

surface impedance tester (Part / No: 83861-300)

-body static tester (. Part / No: 83861-400)

electrostatic discharge

-electrostatic discharge instrument (Part / No: 83361-100.)

anti-static curtain (Part / No: 62810-100)

6. temperature and humidity control

-humidifier (Part / No: 62820-100.)

dehumidifier (Part / No: 62820-200.)

water purifier (Part / No: 62820-300)

hygrometer (Part / No: 80810-100.)

rework station (Part / No: 23820-100.)

solder wire-lead, lead-free (Part / No: 23520-100)

scraper (Part / No: 23620-100)

other

washing machine (Part / No: 66810-100)



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APPLICATION

SCHEME

1_SINGLE-RAIL LAYOUT

2_DUAL-RAIL LAYOUT

3_DUAL-RAIL HIGH SPEED LAYOUT A

4_DUAL-RAIL HIGH SPEED LAYOUT B

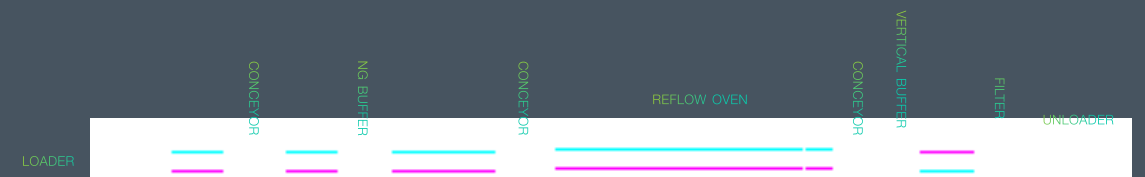
5_DUAL-LINE JOIN DUAL-RAIL OVEN LAYOUT

6_TRIPLE LINE JOIN DUAL-RAIL OVEN LAYOUT

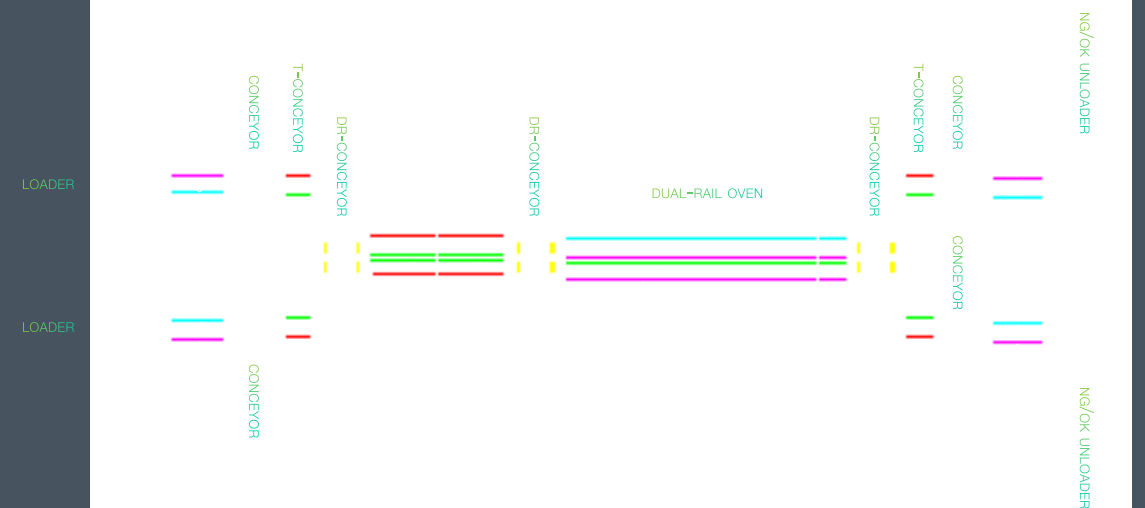
7_FIXTURE AUTO-RETURN LAYOUT

8_MULTIPLE LINE LAYOUT

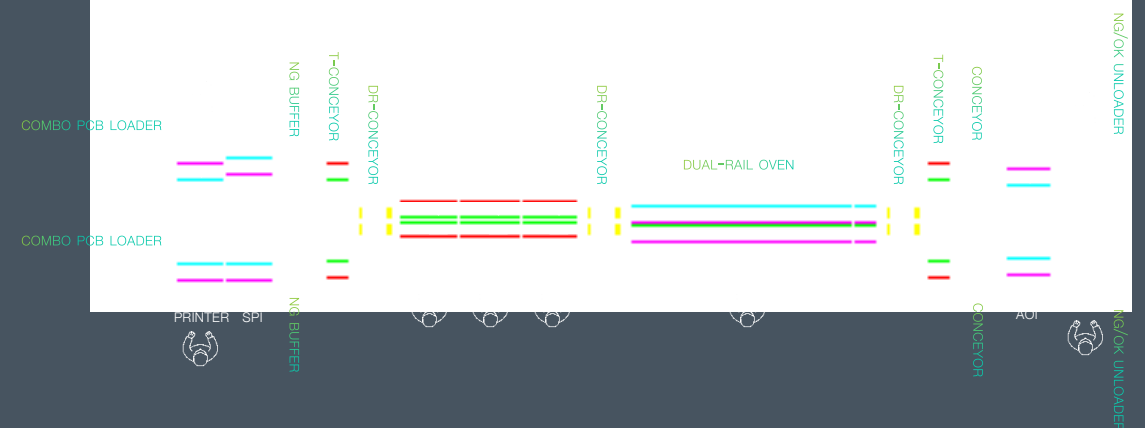
1_SINGLE-RAIL LAYOUT



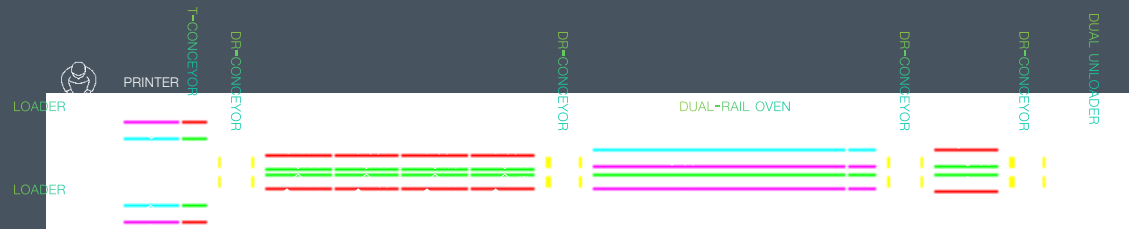
2_DUAL-RAIL LAYOUT



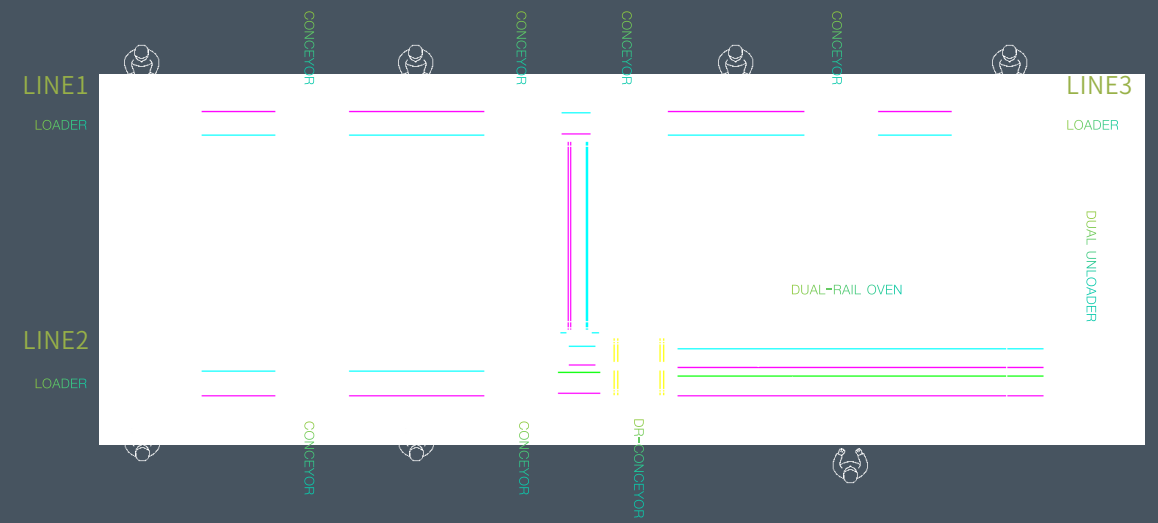
3_DUAL-RAIL HIGH SPEED LAYOUT A



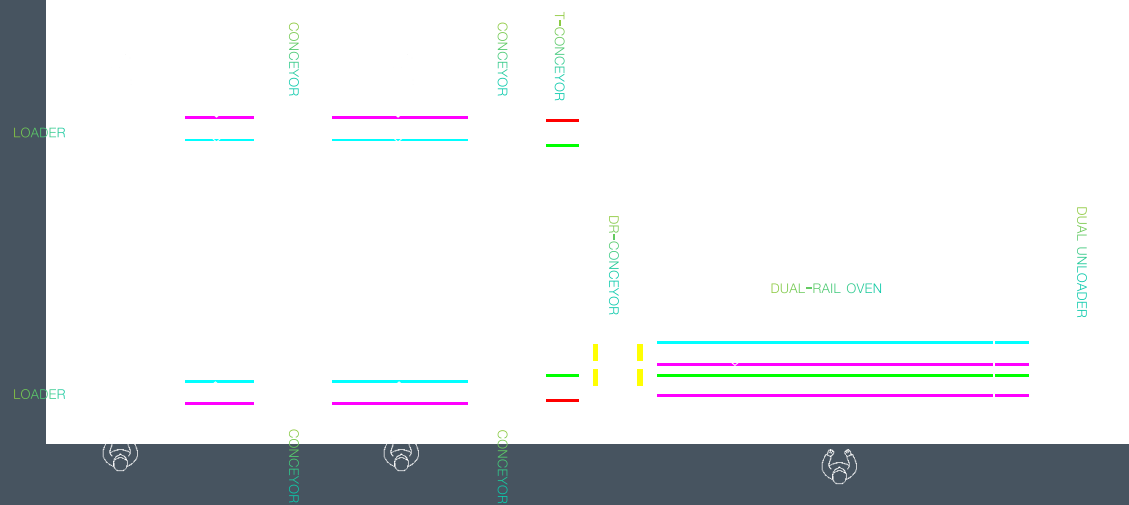
4_DUAL-RAIL HIGH SPEED LAYOUT B



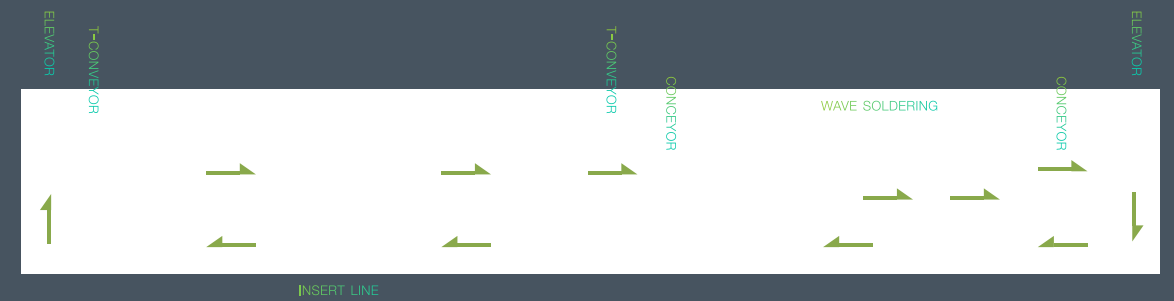
6_TRIPLE LINE JOIN DUAL-RAIL OVEN LAYOUT



5_DUAL-LINE JOIN DUAL-RAIL OVEN LAYOUT



7_FIXTURE AUTO-RETURN LAYOUT



8_MULTIPLE LINE LAYOUT



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