



**Propack Electronics**  
Private Limited

**30+**  
YEARS OF  
EXCELLENCE

Innovative **ESD Solutions**  
For Global Market



## **Propack Electronics Pvt. Ltd.**

### **Manufacturing Unit**

Plot No. 294, Ecotech Extn., Ecotech-1,  
Greater Noida - 201308, G.B. Nagar (U.P) India  
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## Company Profile

### About Us :

The headquarter of Propack Electronics Pvt. Ltd. is in New Delhi ,with its Manufacturing Unit in Greater Noida, U.P and sales offices all over India. Propack core areas of expertise are development , manufacturing and sales of ESD control , Clean room products , Packaging , soldering and other allied machines for Electronics , Automotive and Pharmaceutical Industries. Propack also provides connectivity solutions for Solar system installers ,Module manufacturers and inverter manufacturers.

### History :

- November 1998 founded Propack Systems.
- Core business manufacturing and supply of ESD control products.
- Jan. 2000 , started manufacturing and supplying clean room products.
- April. 2003, Founded Propack Electronics Pvt. Ltd.
- August. 2004 , Expansion of Manufacturing unit in Noida, U.P
- July. 2005 , became sales channel partner of Unipower Corp, U.S.
- September 2005 , became sales channel partner of Pduke, Taiwan.
- May, 2008 , Awarded ISO 9001:2000.
- August,2011, Became sales channel partner of Lumberg Phovoltaics , Germany.
- January,2013 , Expansion of Manufacturing unit in Greater Noida, U.P
- April, 2013 , Awarded ISO 9001:2008.
- August,2015, Become sales channel partner of Elcom International Pvt. Ltd.
- December,2016, added the ESD garment manufacturing in house facility.

### Innovation and Expertise :

- Well over 70,00,000 Sq feet of ESD Flooring installed and certified.
- Leading edge Static control and Soldering Machines developed and designed by Propack Electronics Pvt. Ltd.
- Flexibility in manufacturing with Custom products to suits customer's specific requirements.

### Quality and Value :

- Prices that are realistic affordable and unmatched by our competitors.
- Single Source , seamless complete solution provider for Electronics ,Telecom ,Photovoltaics and other allied industries.
- The Most Stringent quality control parameters in the industries , assuring superior design and reliability.

### Support and Services :

- Complete Turnkey solutions in days, not in months.
- Unmatched technical support and services before, during and after your purchase.
- Onsite product installations.

## Training Program

Training courses are essential for awareness and to educate the importance of ESD protection inside the manufacturing area handling sensitive components and other allied areas. With the changing technology and more complex design/manufacturing ,ESD training program is recommended for each and every Electronics, Semiconductors , Pharmaceuticals and other allied industries which in turn will increase the quality, productivity & reliability.

Propack provides a range of ESD training program which includes following

- In-house/On-site training.
- General ESD awareness program for Operators and Engineers.
- ESD training program for Engineers and managers working in EMS.
- ESD training program for Engineers and managers working in Semiconductor industry.
- ESD Coordinator training Program .

## ESD Survey & Consultancy

- Propack provides solutions for a range of ESD problems in devices and systems.
- Propack undertake ESD testing and qualification of new designs.
- Propack provide ESD consultancy and Survey of manufacturing lines & Labs.

## ESD Audit S20.20

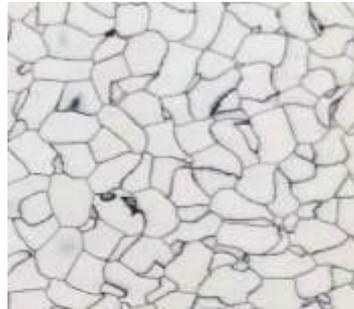
- An ESD Audit is essential part of a good ESD control program. This checks all the ESD control practices and products, provides a constant reminder to personnel of their responsibilities, and gives management the necessary feedback for any corrective action. Propack provides ESD Audit services as per S20:20/IEC61340 standard.



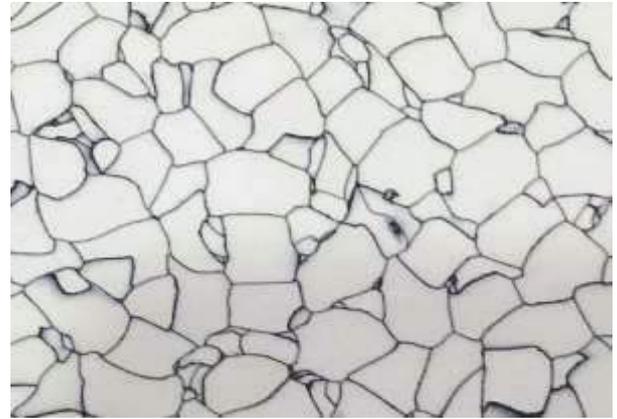
## Homogeneous Conductive PVC Tile



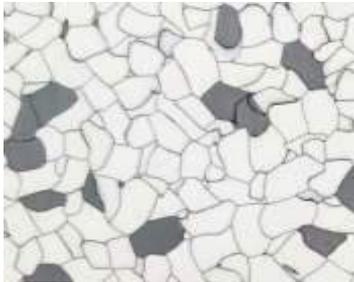
PEPL-1103



PEPL-9022



PEPL-01



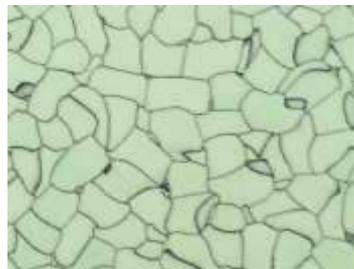
PEPL-1104



PEPL-06



PEPL-903



PEPL-901



PEPL-1101

Parameter	Standard	Specification	PVC Roll	PVC Tiles
Thickness	EN428	2.0/3.0 mm	2.0/3.0 mm	2.0/3.0 mm
Size	EN426	2m x 15m/20m	2m x 15m/20m	(600x600)mm (900x900) mm
Weight	EN430	2900g/m <sup>2</sup>	2900g/m <sup>2</sup>	3800g/m <sup>2</sup>
Surface Resistance	EN1081	Conductive 10 <sup>5</sup> -10 <sup>6</sup> Ohm Dissipative 10 <sup>6</sup> -10 <sup>9</sup> Ohm	Conductive 10 <sup>5</sup> -10 <sup>6</sup> Ohm Dissipative 10 <sup>6</sup> -10 <sup>9</sup> Ohm	Conductive 10 <sup>5</sup> -10 <sup>6</sup> Ohm Dissipative 10 <sup>6</sup> -10 <sup>9</sup> Ohm
Decay Time	SJ/T10694-2006(IVI<100V)	<0.3s	<0.2s	<0.2s
Charge Voltage	SJ/T10694-2006(IVI<100V)	<100V	<30V	<30V
Combustion Property	SJ/T11236-2001	< 10s FV-0	Equal 8.75s FV-0	Equal 8.75s FV-0
Fire Rating	DIN4120	B-1	B-1	B-1
Dimensional Stability	EN434	<0.35%	0.02%	0.03%
Residual Stability	EN433	<0.1mm/<=0.15mm	<0.1mm/<=0.15mm	<0.1mm/<=0.15mm

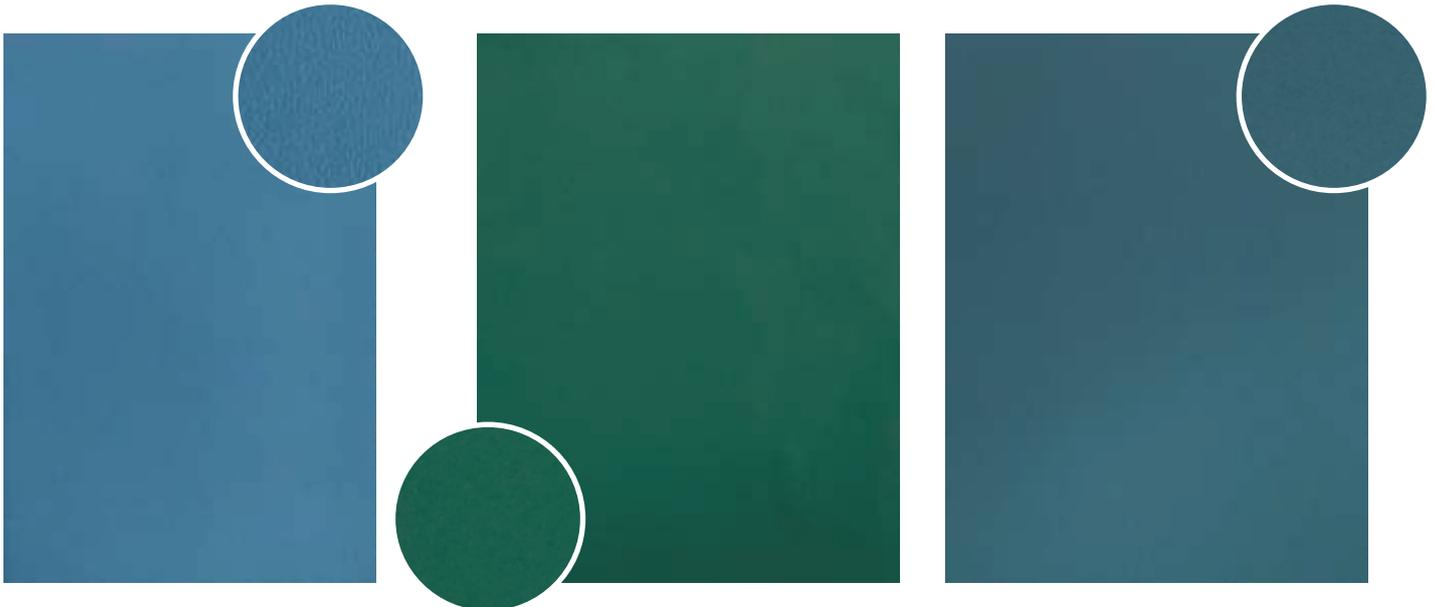
**Installation :** Conductive Tiles and Roll should be installed on the sub floor that are leveled, smooth and free from cracks. Copper grid structure should be fixed on the floor and the tiles should be pasted by conductive adhesive and then welded to get the long lasting durability.

**Maintenance :** Avoid sharp scratches on the floor by hard object, cleaning is to be done with antistatic floor cleaner.

## Static Dissipative Rubber Mat

Propack static dissipative rubber mats are made up of synthetic rubber with static dissipative top layer and conductive bottom layer. It come in roll form with different colors.

- Size : 1 x 10 M & 1.2 x 10 M ( Rest sizes on request )
- Surface Resistance : Top Layer :  $10^6 - 10^8$  Ohms & Bottom layer :  $10^3 - 10^5$  Ohms.
- Thickness : 2 / 2.5 / 3 MM.



## Static Dissipative PVC Mat



We offer a wide range of Static dissipative Vinyl mat along with complete installation and certification.

Type	Width	Thickness	Surface Resistance( S20:20-2014)
<b>2 Layer</b>	1.5 / 2 M	1.5 / 2 MM	Top Layer : $10^7 - 10^9$ Ohm & Bottom Layer : $10^4 - 10^6$ Ohm
<b>3 Layer</b>	1.5 / 2 M	2 MM	Top Layer & Bottom Layer: $10^7 - 10^9$ Ohm & Middle Layer : $10^4 - 10^6$ Ohm

## Lean Pipe and Joint System

Propack is one the leading manufacturer and supplier of Lean pipe & Joints systems in India. We are manufacturing lean pipe and joint systems using ABS coated/ conductive ABS coated/SS Pipes & by using Powder coated /Chrome plated joints.



## Aluminum Profile & Round Pipe System

Propack is one of the leading manufacturer and supplier of Aluminum profile and pipe based workbenches, production line, FIFO/LIFO storage racks and allied customized systems. Propack is also manufacturing systems using gravity pulley and hydraulics to provide one stop solution to our esteemed customers.



## Aluminum Profile & Round Pipe System



## ESD Chair & Stool



### Static Dissipative Chair

- Seat Size~ 500\*400mm
- Back Size~500\*400mm
- Adjustable height~480-620mm
- System Resistance  $10^6$ - $10^8$  Ohm
- Chrome/Aluminum base
- With Conductive Castors/Conductive base bush.
- Base material SS, Chrome Plated MS & Aluminum.
- Can make any customized design.



### Static Dissipative Stool

This stool is an economical sitting stool with conductive plastic bottom.

- System Resistance  $10^5$ - $10^8$  Ohm
- With conductive base bush.

## PCB Handling Trays and Bins



PCB Rack-1

- Size : 485\*140\*35mm
- Max storage : 25 pcs



PCB Rack-2

- Size : 485\*175\*50mm
- Max storage : 25 pcs



PCB Rack-3

- Size : 2 sizes available
- Max storage : 25 pcs



PCB Rack-4

- Size : (50-350)\*175\*355 mm
- maximum storage-50 pcs
- Max storage : 25 pcs

## PCB Handling Trays and Bins

Handling & Storage of ESD sensitive products is essential during inter or intra facility transport.



Model	External Size (mm)	Internal Size (mm)	Model	External Size (mm)	Internal Size (mm)	Model	External Size (mm)	Internal Size (mm)
PEPL001	615*430*320	580*395*310	PEPL018	600*400*148	565*365*138	PEPL035	360*270*135	320*240*125
PEPL002	615*430*250	580*395*245	PEPL019	600*400*120	565*365*110	PEPL036	540*415*260	500*380*250
PEPL003	615*430*200	580*395*195	PEPL020	400*300*280	365*265*270	PEPL037	500*310*300	465*270*290
PEPL004	615*430*150	580*395*145	PEPL021	400*300*230	365*265*220	PEPL038	315*230*45	300*215*40
PEPL005	545*420*380	510*390*370	PEPL022	400*300*170	365*265*160	PEPL039	375*250*65	345*225*60
PEPL006	545*420*305	510*390*300	PEPL023	400*300*148	365*265*135	PEPL040	440*290*50	400*265*45
PEPL007	545*420*240	510*390*230	PEPL024	400*300*120	365*265*110	PEPL041	450*300*60	430*280*50
PEPL008	545*420*150	510*390*145	PEPL025	530*380*280	465*350*275	PEPL042	440*353*50	410*320*45
PEPL009	600*500*400	560*460*390	PEPL026	530*380*225	465*350*220	PEPL043	300*200*120	265*165*113
PEPL010	600*500*355	560*460*350	PEPL027	530*380*165	465*350*160	PEPL044	300*200*148	265*165*137
PEPL011	600*500*305	560*460*300	PEPL028	530*380*125	465*350*120	PEPL045	800*400*340	765*365*330
PEPL012	600*500*255	560*460*250	PEPL029	690*485*410	650*450*400	PEPL046	800*600*340	765*565*330
PEPL013	600*500*160	560*460*155	PEPL030	700*450*180	665*415*170	PEPL047	900*400*330	865*365*320
PEPL014	600*400*340	565*365*330	PEPL031	650*440*350	610*400*340	PEPL048	1000*400*280	950*350*270
PEPL015	600*400*280	565*365*270	PEPL032	660*400*165	620*365*160	PEPL049	1200*500*380	1167*467*360
PEPL016	600*400*230	565*365*220	PEPL033	480*350*175	440*320*165	PEPL050	1200*400*230	1167*365*220
PEPL017	600*400*170	565*365*160	PEPL034	420*310*150	380*280*145	PEPL051	1200*400*120	1167*365*100



Static Dissipative Component Bin

MODEL	SIZE (mm)
SB1	125*100*60
SB2	170*100*85
SB3	220*130*125
SB4	290*178*143
SB5	290*363*145
SB6	440*180*145
SB7	435*425*215



Static Dissipative Pallet

MODEL NO	SIZE(MM)	CAPACITY(T)
PEPL53	1200*1000*145	0.5T/2T
PEPL54	1200*1000*125	0.5T/1.5T
PEPL55	1100*1100*150	1T/4T
PEPL56	1200*1000*150	1.5T/6T
PEPL57	1200*800*135	1T/4T
PEPL58	1100*1100*125	1.5T/4T



Static Dissipative Dust Bin

MODEL NO	SIZE(MM)	CAPACITY(L)
PEPL56	380*280*380	35
PEPL57	460*320*600	60
PEPL58	470*550*950	120

## PCB MAGAZINE RACK

Side panel slot depth: 3.5mm | Width : 5mm | Pitch : 10mm

Gear & Bolt Adjustment (use 'g' Or 'b' While Ordering)

Temperature Range ( 80|120|200 Degc) | L-model Are Aluminum Type

All Models Are Available For Storage Of 30z Pcs/rack As Well.

MODEL	EXTERNAL SIZE(MM)	PCB SIZE(MM)	PCB STORAGE
801	400*320*563	400*(50-250)	50 PCS
803	355*320*563	355*(50-250)	50 PCS
804	355*320*563	355*(50-250)	50 PCS
806	460*400*563	460*(50-330)	50 PCS
807	460*400*563	460*(50-250)	50 PCS
806L	460*400*563	460*(50-330)	50 PCS
808	535*460*570	535*(50-390)	50 PCS
808L	535*460*570	535*(50-390)	50 PCS
815	535*530*570	535*(50 460)	50 PCS
812	355*320*363	355*(50-250)	50 PCS
808	535*460*570	535*(50-390)	50 PCS



### SS SMT REEL Storage Rack

Standard Shelf Size : 18" x 48"

Standard Rod Size : 4'5'/6'

For Both big and small spool

Adjustable Shelf Height

Customization available



### PCB Trolley

Surface Resistivity :  $10^4 - 10^6$  Ohm per square

Overall Sizes : 900 x 500 x 1300 MM

Storage : 200/300/400 PCB

Each Column can accommodate 100 PCB

Detailed data sheet on request

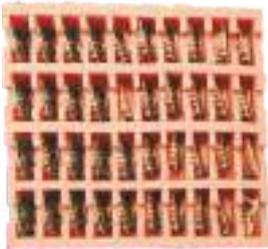
## PP Corrugated Box

We manufacture all kind of PP Corrugated box for ESD Control environment or normal material handling needs. We have complete in-house machine which include Slitter/Die Cutting/Flat Bed/Riveting/Ultrasonic welding/ screen printing, which makes us one of the market leader in this segment.

Our products are widely used by manufacturer of smart phone, led TV, led lights , consumer electronics , automobile electronics , automobile parts etc etc...



## ESD Box with EPE Foam (Automobile Electronics)



## ESD Thermoforming for Phone & Powerbank PCB



## Ionizers Solution for CDM ESD Damage and Contamination Control

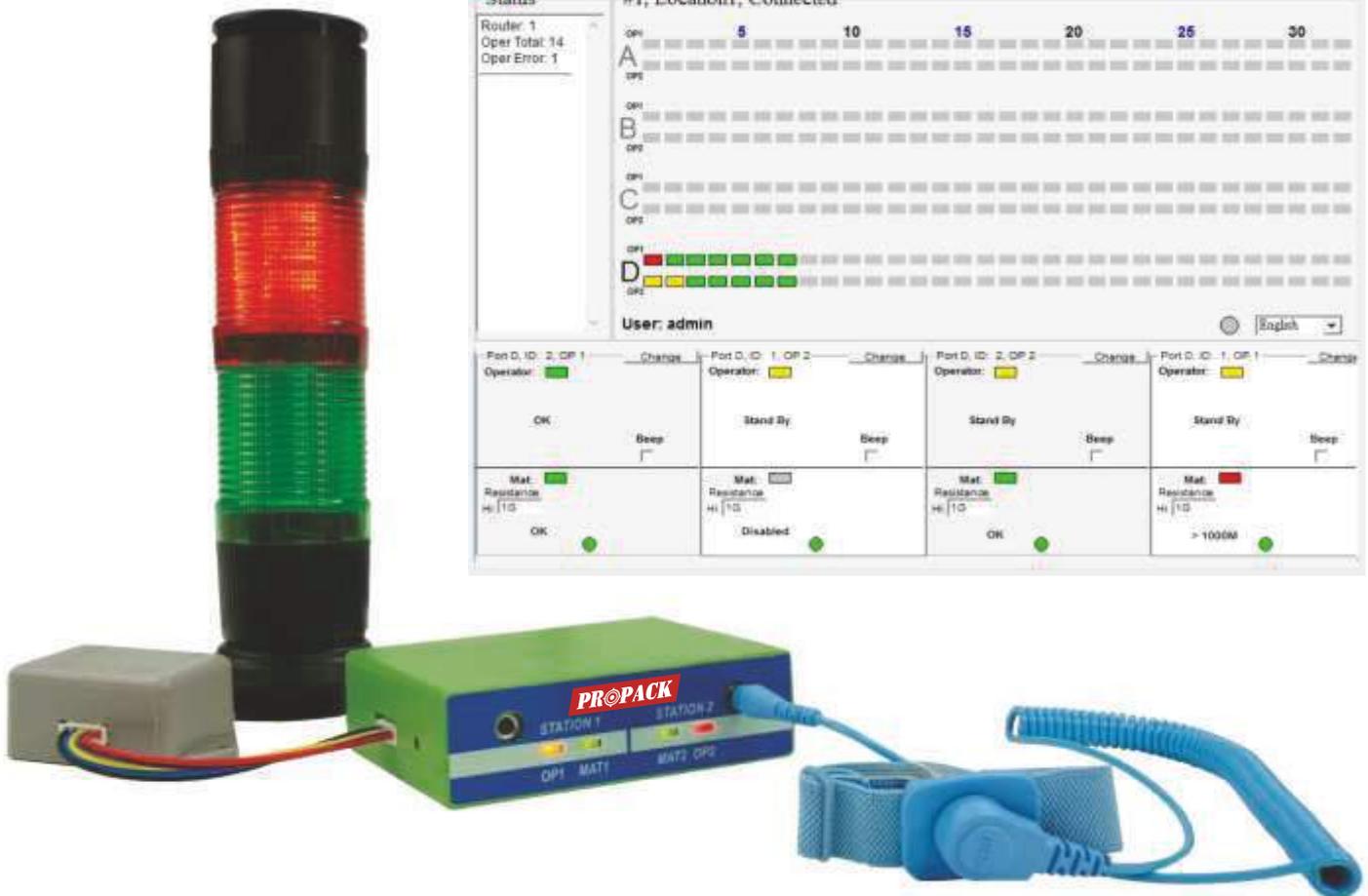


- CDM & Class 0
- One Touch Auto Cleaning
- Ion Balance  $\sim \pm 5$
- Transient Noise Free

## Online Wrist Strap and ground monitoring system

In the modern work environment proper ESD grounding is crucial to assure product high quality & reliability. When the environment is very sensitive, then a loose or open grounding wire may cause serious damage to the sensitive parts in the product.

Propack Online Wrist Strap & Ground monitoring system is able to monitor 4096 operator in real time and can show the data of all the operator live on the display screen.



- Key features :
- Built in network circuit
- Alarm limit for mat 1000Mohm
- Each alarm can be enabled or disabled
- Stand by indicator when power is on without wrist strap plugged in
- Typical capacitor test: Pass 150pF and Fail 50pF
- Overall system can be controlled by one computer.
- Housing material fire proof and anti-shock PVC



## ESD Entry Controlled Tripod & Flap Barrier

While entering inside the EPA, it's compulsory to check the Static safe slippers & wrist straps to ensure the ESD property. Propack manufacture a range to ESD entry controlled Tripod's and Flap Barrier's to ensure that every person entering inside the EPA is wearing static safe slippers and wrist bands.

- Show the resistance value on the LCD display
- Come with in-built card reader to identify the authorized entry.
- Can store the data of the person entering inside EPA.
- Download or email daily reports
- Sensor to control double entry and push button for exit.
- In case of emergency the system remain open



## ESD Testing Instruments



Wrist Strap & Foot Wear tester  
Economy Model



Surface Resistance  
Meter



Personnel Static  
Tester



Digital Static  
Tester

### Digital Wrist Strap & Foot wear Tester



- Display resistance on screen ( which can also be connected to main screen)
- Comes with in-built finger print sensor/card reader to identify the authorized entry.
- Can store the data ( Name, Employee ID, Date & Time, Test results ) of the person entering inside EPA.
- Download or email daily reports
- Sensor to control double entry and push button for exit.
- In case of emergency the system remain open



Digital Surface Resistance Meter  
with Probes (100V System)

## ESD Fabric & Garments

Propack specialize in manufacturing & supply any kind of ESD fabric in compliance with IEC 61340-5-1 , IEC 61340-5-2 & EN 1149 standard.

- ESD fabric with (96-98)% polyester yarn and (2-4)% conductive yarn.
- ESD Fabric with ( 50-63)% Polyester yarn, (33-46%) cotton yarn & (2-4%) conductive yarn.
- 100-250 GSM ESD Fabric available.
- ESD fabric for Apron, Shirt/Pant, Jackets, T-shirts & socks



## ESD Consumables



PU Wrist Strap



Cordless Wrist Strap



S/S Grounding Cord



Common grounding Cord



ESD SPU Slipper



ESD Butterfly Shoes



ESD Dotted Fabric Gloves



PU Finger Tip Coated Gloves (With Carbon Fiber)



PU Palm Coated Gloves (With Carbon Fiber)



Dotted Gloves



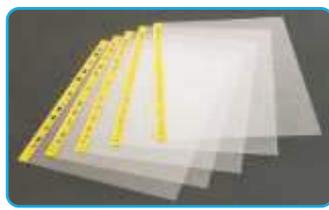
ESD Gloves



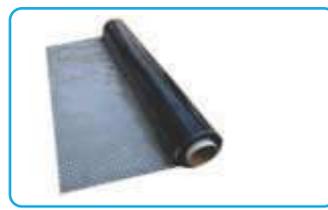
ESD Finger Cots



IPA Dispenser



ESD Paper File



ESD Grid Curtain



Wipes



Static Shielding Bag



ESD LDPE Bag



ESD Bubble Bag



ESD Caution Tape

### ESD Brush



P0017A



P0017B



P0017C



P0017D



P0017E



P0017F



P0017G



P0017H



P0017I



ESD Grid Tape



High Temperature Tape



Floor Marking Tape



ESD Mouse Pad



ESD Mouse



ESD Telephone



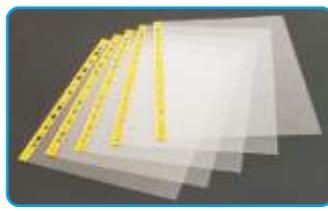
ESD Stapler



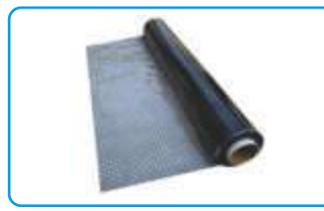
ESD Keyboard



IPA Dispenser



ESD Paper File



ESD Grid Curtain



Face Mask

Non Woven Cap



Shoe Cover Dispenser



### DUST CONTROL STICKY MAT

Washable Sticky Mat :

Size : 3' x 4' , Other sizes available on request

Peelable Sticky Mat :

Sizes : 18" x 36" , 24" x 36" , 26" x 45"

Packing : 30 Peelable layers / Pad , 10 Pads / Packet



Automatic Shoe Cover Dispenser

## Digital Lead Free Soldering Station



**Propack 547D**

Digital Lead Free Soldering Station - 547  
 Mains Input :230 VAC +/- 10%, 50 Hz  
 Power Output :24V/60 Watt  
 Transformer :Isolated, Class II  
 Temperature Range:180° to 480°C  
 Heater Element : Ceramic / Japanese  
 Sensor : RTD  
 Reading Accuracy :+/-10 °C  
 Tip to Ground Leakage Voltage :< 2 mV  
 Tip to Ground Resistance: < 2 Ohms



**Propack 548D**

Digital Lead Free Soldering Station - 548D  
 Mains Input :230 VAC +/- 10%, 50 Hz  
 Power Output :24V/100 Watt  
 Transformer :Isolated, Class II  
 Temperature Range:180° to 480°C  
 Heater Element : Ceramic / Japanese  
 Sensor : RTD  
 Reading Accuracy :+/-10 °C  
 Tip to Ground Leakage Voltage :< 2 mV  
 Tip to Ground Resistance: < 2 Ohms

## Soldering Consumables



**ESD Fume Absorber**



**Heating Element**



**Soldering Tips (900M-Series)**



**Vaccum Pickup Pen**



**Soldering Pot**



**Sponge**

## Fumes Extractors

### Features:

- Metal Body Structure strong and durable
- Noise reduction design & quiet operation
- Triple Filter design ensures thorough Purification
- High quality alloy fan achieve great Suction power



### Remote Feature

- With intelligent control panel and display operations become easy and simple
- You can control the machine from a distance
- Truly sensitive and effective filter clogging system reminds you to replace the filter in time
- Wheels makes the movement easy and simple.



**F6001**



**F6002**



**F6001D**

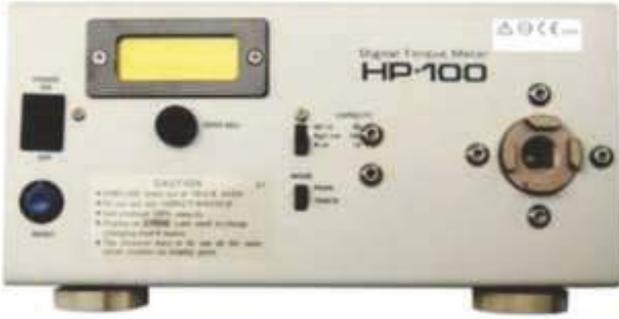


**F6002D**

Model	F6001	F6002	F6001D	F6002D
Voltage	110/220V	110/220V	110/220V	110/220V
Power	80W	200W	80W	200W
Ducts	1	2	1	2
Systemic Flow	235m <sup>3</sup> /hr	2x150m <sup>3</sup> /hr	235m <sup>3</sup> /hr	2x150m <sup>3</sup> /hr
Air Velocity	17m/s	2 x 11m/s	17m/s	2 x 11m/s
Filtering Efficiency	0.3microM 99.97%	0.3microM 99.97%	0.3microM 99.97%	0.3microM 99.97%
Length of duct	75mm x 1.4m	75mm x 1.4m	75mm x 1.4m	75mm x 1.4m
Noise	<52db	<52db	<52db	<52db
Dimension(mm)	425*250*410	425*250*410	425*250*410	425*250*410
Weight (kg)	14	14.5	14	14.5

## Digital Torque Meter

For measuring the torque setting of electric screwdrivers..



Model	HP-100	HP-50	HP-10
Kgf.cm	1.5-100	1.5-50	0.15-10.00
Measurement Range	N.M	0.15-10	0.15-5
			0.015-1.0
	LBFIN	1.5-90	1.5-45
		0.15-9.00	
Accuracy	Within $\pm 1\%$		
Responsive Frequency	600 Hz		
Power Source	1.2V Nickel cell x 5		
Recharging Time	8 hours with exclusive charger		
Continuous use at full charge	30 hours		
Dimensions (mm)	123 x 230 x 65		
Battery Life	Chargeable for 300 times or more		
Weight	1.8 kg		
Exclusive Charger	Input: AC220-240V Output: DC7.2V,120mA		

## Automatic Tape Dispenser



## Automatic Tape Dispenser (1000)

- **Cutting length: 20-999mm**
- **Cutting width: 7-50mm**
- **Display: 3-digit LED for tape length**
- **Power consumption: 18W**
- **Dimensions: 137 x 218 x 150mm**
- **Weight: 3.0 Kg**

## SMD Counter

### Features:

- Fully automatic way to count SMD components
- Countable in both forward & reverse direction with double check function.
- Easy to operate & unique pocket falling proof design.
- Suitable for all kinds of SMT reels



## Microscope & Magnifier



HS-3D-1600

Item	Digital Microscope 3D observe
Objective	0.3×-2.2× 3D Lens
Zoom Ratio	6:1
Digital Magnification	30× - 180×
Resolution	1920×1080(adjustable) 60/FPS
Pixel	16 MP
Image sensor	1/3"
3D Operation	Manual operation
Lighting	4sides independent control ring LED
Video output	HDMI
Monitor	13" (included)
WD(Working distance)	45.66-99mm (95mm is standard)
Base and Lifting parts	Pillar Stand
	Base size 360×250mm

Function

3D-2D exchange, 360° observing Taking photo, taking video  
TF card memory function, freeze, play back. automatical  
zoom, connect with computer

### ESD Magnifier



With Clamp



With heavy Base

### ESD Tweezer



93301 (115mm)

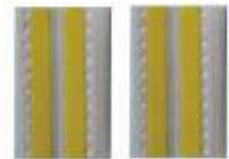


ESD-10 (110mm)



1-SA (120mm)

### SMT Spare Parts



Authorised Distributor:



"An ISO 9001:2015 Certified Company & Member ESDA, USA"

## Propack Electronics Pvt. Ltd.

### Manufacturing Unit

Plot No. 294, Ecotech Extn., Ecotech-1,  
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