

ANTISTATIC APRON

Our Aprons are designed based on ESD standards. We offer a wide range of ESD Aprons including customize as per your requirement, which are recommended to minimize the effects of electrostatic charges that may exist on a person's clothing for sensitive electronics assemble.

Fabrics are suitable for ESD working environments, Surface resistivity 10⁵-9 ohm. It can quickly neutralize and dissipate static charge & prevent ESD damaging products. This can be washable, light weight, good air permeability and Good filtration also.



Specification

Feature	ESD
Size	Large, XL, Medium, XXL, Small
Color	Blue, White, Pink, Green, Yellow etc.
Application	Cleanroom & Electronics Production
Material	98% Polyester & 2% Conductive Fiber
Pockets	3 pockets

Features:

- Style : Lapel design
- Function : Chest pocket, waist both side pockets, wrist with elastic band, ESD Logo
- Stitching : All panels attached with triple stitching with one conductive thread

Parameter:

- Surface Resistance : 10⁶ - 10⁹ ohm
- Washable : >50 times

ESD GLOVES

These GLOVES are highly suitable for Assembly work like SMD, Robotics or any type of semiconductor based Work.



Lint Free Polyester ESD Glove

- We are offering ESD Glove. These GLOVES are highly suitable for
- Assembly work like SMD, Robotics or any type of semiconductor based Work.
- 100% Anti- Static Dissipative.
- Best for ESD area, assembly lab, scientific lab.
- ESD GLOVES are specially designed for all type of ESD Safety uses.

Product Details :

Application	Industry/Material Handling/Assembly
Wear Type	Full Fingered
Style	Plain
Material	Polyester
Pack Size	10
Surface Resistance	10 ⁶ ~10 ⁹ Ohm

ESD DOTTED GLOVES

High quality superior PVC Dot, constant surface resistivity between 10⁶-7 ohm/sq. recommended to use in class Environment. Face side anti-slipping PVC dot back side Polyester with conductive yarn, 9mm stripe, Washable.



Product Details :

Application	For ESD handling
Wear Type	Full Fingered
Pattern	Dotted
Pack Size	10
Surface Resistance	10e6 - 10e8 ohm

Features

- Very comfortable to wear & light Weight
- 100 % Safe for ESD works & also Resistive to Static Charge
- Best for ESD area, assembly lab, scientific lab

ESD Knitted Dotted Glove

We are offering high quality ESD Knitted Dotted Gloves made of antistatic material to protect both the worker and the environment.

- Longer durability
- ESD Palm Dotted Glove made with very appropriate material which has antistatic electricity.
- PVC dots on palm of glove provide excellent grip.
- Anti- static protection up to 10⁶⁻⁹ ohms.

Specifications :

Color	Grey
Application	Industrial
Type	Full Finger
Style	Knitted
Packaging Size	10 Pair
Surface Resistance	10e6 - 10e8 ohm/cm

ESD SLIPPER

Anti-static Slipper is made of high elasticity anti-static polyurethane sole, which is beautiful and generous, light and comfortable, wear-resistant, not deformed, durable, thoroughly solved duty off problem.

ESD Slipper Features:

- Durability, Gentleness, Comfortable
- Prevents accumulation of static electricity.
- Dust-free, antistatic.
- Soft and wearable soles.
- Easy to clean and easy to wear, natural degradation, low carbon life.

Specifications :

Size	7, 8, 9, 10
Shoe Color	Black, Blue
Usage/Application	Clean room
Surface Resistance	10e6 to 10e9 Ohm
Material	Antistatic



ESD WRISTSTRAP

An antistatic wrist strap, ESD wrist strap, or ground bracelet is an antistatic device used to safely ground a person working on very sensitive electronic equipment, to prevent the buildup of static electricity on their body, which can result in electrostatic discharge (ESD).

Features:

- Simply wrap strap around wrist and clip to a grounded source
- Prevent Static shock in dry environment
- Keep static from damaging electronic parts and equipment
- Adjustable wrist strap with alligator clip tip
- The Surface Resistance is 10^6-7 ohm.

Specifications :

Color	Blue
Wrist Strap Size	Adjustable
Feature	Flexible and comfortable to wear
Application	Electronics Industry, Automotive industry
Termination Type	Crocodile clip, Cordless



FACE MASK

This face mask is efficient of dust. The dust attracted by static electricity and absorb in the filter material to capture fine dust, which really acts as dust resistance.

It is comfortable to wear. Many face masks are arched in shape, which ensures a good fit with the shape of the face and allows a certain space in the non-woven face mask, making them comfortable to wear.



SHOE COVER

In any ESD protected work place or Cleanroom environment, such as electronics manufacturing and repairing, protection against static electricity and contaminants / dust is important. Electro-Static Dissipative (ESD) shoe covers are used to protect against static discharge and contamination that may cause damage to materials being handled.



These lint free non-woven shoe covers possess low resistance to electric charge that act as conduit for dissipating static charge from the operator and the object to the atmosphere.

Features:

- Excellent ESD protection
- Multiple Reuse
- Easily Washable
- Resistance against Corrosion
- Smooth-finish and Comfortable Fitting
- Good elasticity

Our Non-Woven Disposable ESD Shoe Covers with conductive strip can be used in ESD Protected Areas (EPA) and Cleanroom environment as well as medical facilities to prevent the dust on the shoes from contaminating the area and ground personnel to minimize human body discharges to ESD sensitive devices.

SHOE COVER DISPENSER

This product is used to wrap the shoe without using our hands, which will keep the hands germ free. It does not require battery or electricity for operation and used mainly in laboratories, residential buildings, kindergarten, research rooms, high ranking model houses, electrical as well as chemical factory and more.



Using step :

Put the shoe in the shoe cover machine, upright step with a little strength to the footplate of the dispenser. Therefore, the shoe cover could automatically cover your foot.

Specifications :

Usage/Application	ESD Labs, Handling ESD Sensitive Devices, Anti-static Labs, ESD Clean rooms
Material	Aluminum
Application	Industrial
Net Weight	4 Kg
Capacity	100 Pieces
Outside package	47 x 26 x 17 cm

TWEEZERS

The antistatic stainless steel tweezers are made of high quality and high precision stainless steel. The tweezers have good flexibility and can effectively eliminate the electrostatic charge. These anti static stainless steel tweezers are suitable for using in laboratories, hospitals, industries such as microelectronics, electronics, computers, watches and clean room project etc.



Features:

- ❖ High precision
- ❖ Anti-static
- ❖ Stainless Steel
- ❖ Perfectly aligned tips
- ❖ Portable and practical
- ❖ Material: hypo-light/light stainless steel
- ❖ Replaceable head material: conductive PPS
- ❖ Surface resistance of replaceable head: $10E4 \sim 10E8 \Omega$

ESD BRUSH

With our conductive brushes, you can thoroughly clean the most ESD sensitive components without endangering the high charges as ordinary brushes can generate. The handles are made of dissipative plastic and the brush is composed of conductive fibers. The conductive fibers are blended with natural bristles, to obtain the desired stiffness.

Features:

- ❖ Antistatic brushes with conductive plastic handle
- ❖ Surface resistance of handle: $\leq 107 \Omega$
- ❖ Surface resistance of lever handle: $\leq 109 \Omega$
- ❖ Hair: antistatic plastic threads, animal hair or metal wire
- ❖ Custom hair length and stiffness available
- ❖ Firm brushes are mainly for electronics, especially circuit boards



SUPRA BINS - CONDUCTIVE



SB 1-C



SB 2-C



SB 3-C



SB 4-C



SB 5-C



SB 6-C



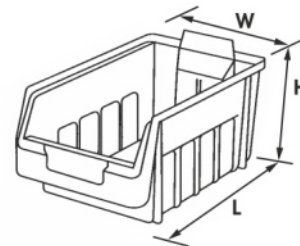
SB 7-C



SB 8-C

- Made from Conductive Polypropylene.
- Strong rear lip for use with louvred panels.
- Strong heavy duty, with reinforced base side & stacking rim.
- Resistant to most industrial solvents.
- Clear access to contents.
- All bins with identification card holder slots.
- Incorporates a safety stop feature in SB 4-C, SB 5-C, SB 6-C, at the back for use in shelves.

Colour - BLACK.



Art No	Outside Dimensions in mm			Inside Dimensions in mm		
	Length	Width	Height	Length	Width	Height
SB 1-C	125	100	60	117	80	52
SB 2-C	170	100	85	157	80	75
SB 3-C	220	130	125	200	115	115
SB 4-C	290	178	143	265	155	130
SB 5-C	290	363	145	265	340	130
SB 6-C	440	180	145	415	154	130
SB 7-C	435	425	215	405	380	208
SB 8-C	600	425	300	530	375	290

All dimensions in mm approx.

SB 8-C subject to MOQ.

SUPRA BIN PARTITIONS CONDUCTIVE

Horizontal partition for SB 4-C & SB 6-C

Art No : **HP SB 4/6-C**

Standard Packing : 10 pcs. per ctn.

Vertical partition for SB4-C & SB5-C

Art No : **VP SB 4/5-C**

Standard Packing : 10 pcs. per ctn.

Vertical partition for SB 6-C

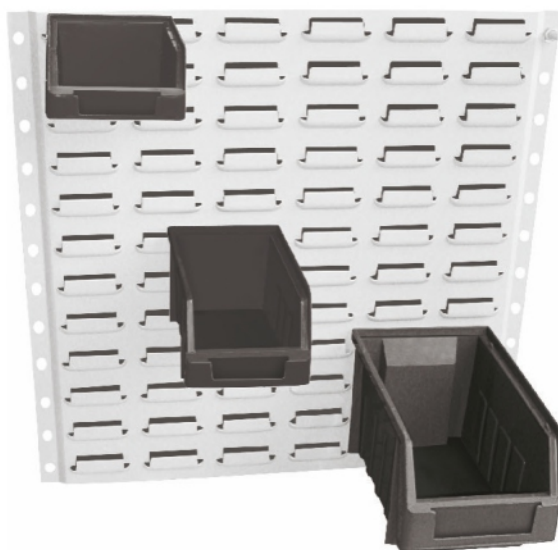
Art No : **VP SB 6-C**

Standard Packing : 10 pcs. per ctn.

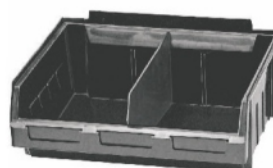
Vertical partition for SB 7-C

Art No : **VP SB 7-C**

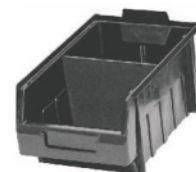
Standard Packing : 10 pcs. per ctn.



Louvre Panel
Mounted with Conductive Supra bins



SB 5-C fitted with
1 No of VP SB 4/5
Conductive vertical partition



SB 4-C fitted with
1 No of HP SB 4/6
Conductive Horizontal partition



PANDA SHELF BINS - CONDUCTIVE



PSB 401-C

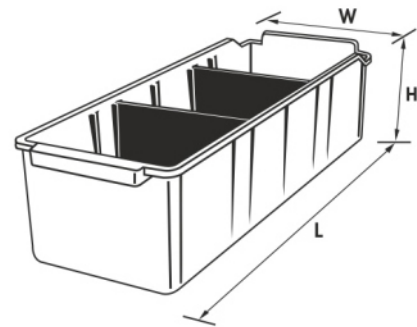
PSB 402-C

PSB 403-C

PSB 404-C

PSB 405-C

- **MADE FROM CONDUCTIVE POLYPROPYLENE**
- Designed to fit roll post shelving systems.
- Five standard bin sizes to suit 400mm deep shelving.
- Resistant to most industrial solvents.
- Integral back stop for clear viewing of PANDA BIN contents.
- Partitions are notched to ensure positive location within the bins.
- PANDA BINS feature a small handle to allow maximum area of the front face for sticking identification labels.



BIN DIMENSIONS

ART NO	Outer Dimensions			Inner Dimensions			No Of Partitions with each bin	Effective Height	Std. Pack
	Length	Width	Height	Length	Width	Height			
PSB 401-C	415	100	60	393	86	55	3	55	24
PSB 402-C	415	100	110	393	86	105	2	105	24
PSB 403-C	415	150	110	393	136	105	2	105	12
PSB 404-C	415	220	135	393	210	130	2	130	12
PSB 405-C	415	300	135	393	282	130	2	130	6

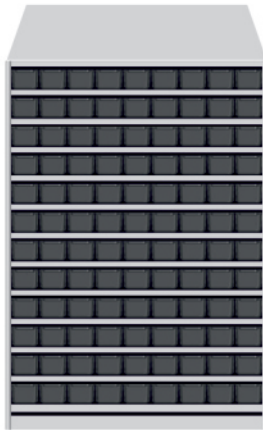
All dimensions in mm Approx



SHELVING UNIT SIZE 1275 (H) x 900 (W) x 400 (D) mm



ASU 6C



ASU 6C Shelving Unit Consists of

- ▶ 1 Set of ASUB 124 Shelving Body.
- ▶ 13 Nos of Shelves - Art No : ASUS 400
- ▶ 1 No of Kick Plate - Art No : ASUKP
- ▶ 9 Nos of PSB 401-C Bins on each shelf.
- ▶ Total 108 Nos of PSB 401-C Bins.

ASU 7C



ASU 7C Shelving Unit Consists of

- ▶ 1 Set of ASUB 124 Shelving Body.
- ▶ 9 Nos of Shelves - Art No : ASUS 400
- ▶ 1 No of Kick Plate - Art No : ASUKP
- ▶ 9 Nos of PSB 402-C Bins on each shelf.
- ▶ Total 72 Nos of PSB 402-C Bins.

ASU 8C



ASU 8C Shelving Unit Consists of

- ▶ 1 Set of ASUB 124 Shelving Body.
- ▶ 9 Nos of Shelves - Art No : ASUS 400
- ▶ 1 No of Kick Plate - Art No : ASUKP
- ▶ 6 Nos of PSB 403-C Bins on each shelf.
- ▶ Total 48 Nos of PSB 403-C Bins.

ASU 9C



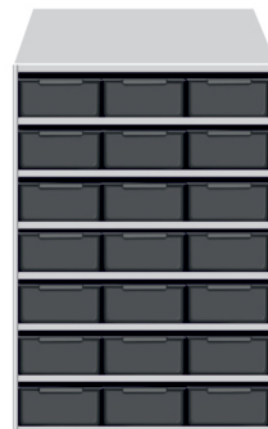
ASU 9C^{*} Shelving Unit Consists of

- ▶ 1 Set of ASUB 124 Shelving Body.
- ▶ 8 Nos of Shelves - Art No : ASUS 400
- ▶ 4 Nos of PSB 404-C Bins on each shelf.
- ▶ Total 28 Nos of PSB 404-C Bins.

* (No Kick Plate in standard unit, if Kick Plate is required then there will be 7 Nos of ASUS 400 Shelves & 24 Nos of PSB 404-C Bins)

	PSB 401-C BIN SIZE		
	Length	Width	Height
	415mm	100mm	60mm
	PSB 402-C BIN SIZE		
	Length	Width	Height
	415mm	100mm	110mm
	PSB 403-C BIN SIZE		
	Length	Width	Height
	415mm	150mm	110mm
	PSB 404-C BIN SIZE		
	Length	Width	Height
	415mm	220mm	135mm
	PSB 405-C BIN SIZE		
	Length	Width	Height
	415mm	300mm	135mm

ASU 10C



ASU 10C^{*} Shelving Unit Consists of

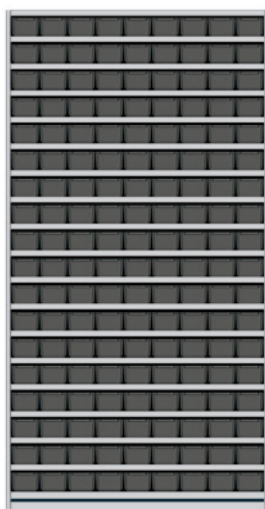
- ▶ 1 Set of ASUB 124 Shelving Body.
- ▶ 8 Nos of Shelves - Art No : ASUS 400
- ▶ 3 Nos of PSB 405-C Bins on each shelf.
- ▶ Total 21 Nos of PSB 405-C Bins.

* (No Kick Plate in standard unit, if Kick Plate is required then there will be 7 Nos of ASUS 400 Shelves & 18 Nos of PSB 405-C Bins)



SHELVING UNIT SIZE 1875 (H) x 900 (W) x 400 (D) mm

ASU 31C



ASU 31C Shelving Unit Consists of

- ▶ 1 Set of ASUB 184 Shelving Body.
- ▶ 19 Nos of Shelves - Art No : ASUS 400
- ▶ 1 No of Kick Plate - Art No : ASUKP
- ▶ 9 Nos of PSB 401-C Bins on each shelf.
- ▶ Total 162 Nos of PSB 401-C Bins.

ASU 32C



ASU 32C Shelving Unit Consists of

- ▶ 1 Set of ASUB 184 Shelving Body.
- ▶ 13 Nos of Shelves - Art No : ASUS 400
- ▶ 1 No of Kick Plate - Art No : ASUKP
- ▶ 9 Nos of PSB 402-C Bins on each shelf.
- ▶ Total 108 Nos of PSB 402-C Bins.

ASU 33C



ASU 33C Shelving Unit Consists of

- ▶ 1 Set of ASUB 184 Shelving Body.
- ▶ 13 Nos of Shelves - Art No : ASUS 400
- ▶ 1 No of Kick Plate - Art No : ASUKP
- ▶ 6 Nos of PSB 403-C Bins on each shelf.
- ▶ Total 72 Nos of PSB 403-C Bins.

ASU 34C



ASU 34C Shelving Unit Consists of

- ▶ 1 Set of ASUB 184 Shelving Body.
- ▶ 11 Nos of Shelves - Art No : ASUS 400
- ▶ 1 No of Kick Plate - Art No : ASUKP
- ▶ 4 Nos of PSB 404-C Bins on each shelf.
- ▶ Total 40 Nos of PSB 404-C Bins.

	PSB 401-C BIN SIZE <table><tr><th>Length</th><th>Width</th><th>Height</th></tr><tr><td>415mm</td><td>100mm</td><td>60mm</td></tr></table>	Length	Width	Height	415mm	100mm	60mm
Length	Width	Height					
415mm	100mm	60mm					
	PSB 402-C BIN SIZE <table><tr><th>Length</th><th>Width</th><th>Height</th></tr><tr><td>415mm</td><td>100mm</td><td>110mm</td></tr></table>	Length	Width	Height	415mm	100mm	110mm
Length	Width	Height					
415mm	100mm	110mm					
	PSB 403-C BIN SIZE <table><tr><th>Length</th><th>Width</th><th>Height</th></tr><tr><td>415mm</td><td>150mm</td><td>110mm</td></tr></table>	Length	Width	Height	415mm	150mm	110mm
Length	Width	Height					
415mm	150mm	110mm					
	PSB 404-C BIN SIZE <table><tr><th>Length</th><th>Width</th><th>Height</th></tr><tr><td>415mm</td><td>220mm</td><td>135mm</td></tr></table>	Length	Width	Height	415mm	220mm	135mm
Length	Width	Height					
415mm	220mm	135mm					
	PSB 405-C BIN SIZE <table><tr><th>Length</th><th>Width</th><th>Height</th></tr><tr><td>415mm</td><td>300mm</td><td>135mm</td></tr></table>	Length	Width	Height	415mm	300mm	135mm
Length	Width	Height					
415mm	300mm	135mm					

ASU 35C



ASU 35C Shelving Unit Consists of

- ▶ 1 Set of ASUB 184 Shelving Body.
- ▶ 11 Nos of Shelves - Art No : ASUS 400
- ▶ 1 No of Kick Plate - Art No : ASUKP
- ▶ 3 Nos of PSB 405-C Bins on each shelf.
- ▶ Total 30 Nos of PSB 405-C Bins.



PLUTO 108 MODEL ESD WORK TABLE

- ❖ ESD WORK TABLE
- ❖ TABLE SIZE 1500 MM X 800 MM TOP (5X 2.5 FT)
- ❖ MS FRAME 40 MM SQUARE, 1.6MM THICK
- ❖ ESD TABLE TOPS WITH EDGE BENDED ESD
- ❖ LAMINATE 25 MM THICK
- ❖ 01 TOP AND TWO OVER HEAD SHELVES
- ❖ WITH TUBE LIGHT FACILITY
- ❖ OVER HEAD SHELVE 1500 X 300 MM - 02 NO (5 X 1 FT)
- ❖ ELECTRICAL POWER RACE WAY WITH 03 X 03
- ❖ POWER SOCKETS WITH SWITCHES (06 /16 AMPS 02 EACH)
- ❖ ANCHOR MAKE SWITCH SOCKET WITH INDICATOR MCB 32 AMPS
- ❖ ONE WRIST STRAP ONE TABLE TO MAT
- ❖ GROUND CORD
- ❖ WITH 02 - 03 METER LENGTH MAINS POWER CORD
- ❖ WITH 16 AMPS PLUG
- ❖ BIN HOLDER RACK

Options :

- | | |
|---------------|-------------------------|
| ❖ ESD Chair | ❖ ESD Common Grounding |
| ❖ ESD Paint | ❖ ESD Continues Monitor |
| ❖ 3 Desk Draw | ❖ Pin Board |
| ❖ Bin Holder | ❖ Writing Board |
| ❖ ESD Bins | |



Custom Design ESD Work Tables



Open Table - 8'x4'



Standard Table - 5'x2.5'



Standard Table - 3'x2.5'



Aluminum Profile - 5'x2.5'



SS Rack



**Standard Table - 5'x2.5'
Over Head Shelf - 2 Nos.**



Aluminum Profile - 6'x3'



Open Table 6'x3'

Ultrasonic Cleaner & Hot Air Oven



Electronics

Mechanical

Pharma

Jewellery

Ultrasonic Cleaners



Available Tank Sizes from 1.5 ltr. onwards

Application : Electronics / Mechanical / Jewellery / Pharma / Medical / Hotel

STANDARD RANGE OF TABLE TOP MODELS FOR ULTRASONIC MACHINE

Model no.	Tank Size (LxWxH) Inch	Tank Cap	Ultrasonic power	Ultrasonic Freq.
SM 35 US	9 x 6 x 4	3.5 Ltrs	100 Watts	33 ± 3Khz
SM 50 US	8 x 8 x 5	5 Ltrs	120 Watts	33 ± 3Khz
SM 65 US	12 x 6 x 6	6.5 Ltrs	150 Watts	33 ± 3Khz
SM 100 US	12 x 9 x 6	10 Ltrs	250 Watts	33 ± 3Khz
SM 140 US (ML)	21 x 7 x 6	14 Ltrs	300 Watts	33/25 ± 3Khz
SM 200 US	14 x 12 x 8	20 Ltrs	400 Watts	33/25 ± 3Khz
SM 200 US (L)	24 x 9 x 6	20 Ltrs	400 Watts	33/25 ± 3Khz
SM 250 US	16 x 16 x 6	25 Ltrs	500 Watts	33/25 ± 3Khz
SM 300 US	15 x 15 x 8	30 Ltrs	600 Watts	33/25 ± 3Khz
SM 500 US	22 x 12 x 12	50 Ltrs	750 Watts	33/25 ± 3Khz

Special Size / Wattage / Frequency Available



Three Stage Ultrasonic Cleaning Machine

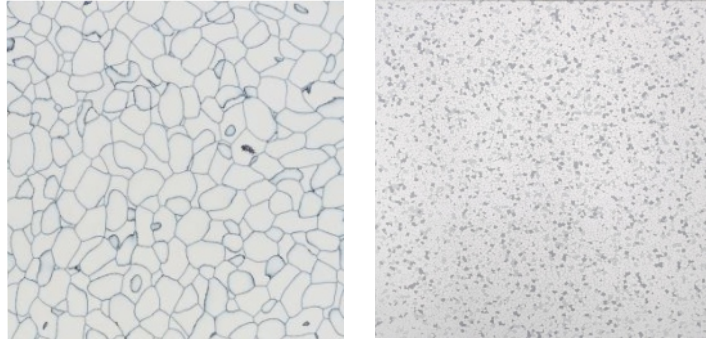
Hot Air Oven



Salient Features

- Advanced PID type Dual Display Temperature controller with settable Over shoot Alarm
- Temperature Range: Ambient +5° to 250°c Working Range : Ambient 50° to 250°c
- Accuracy +/- 1 °C Minimum Resolution of 0.1°C
- Uniformity : + / - 2 to 3° C Overall Chamber
- Specially designed Fins type Air Immersion Heaters
- Heavy duty Solid State Relay for Heater Supply
- Door Sealed with Silicon Rubber Gasket
- Air Circulation System to maintain uniform temperature inside the chamber
- Safety Thermostat (In GMP Models only).
- Various Sizes are available.

ESD Tiles



Technical Specifications:

	Properties	Test Results
Physical Features	Thickness	2.0 mm
	Size	610 X 610 mm
	Weight /m2	2.0 mm : 3.24 Kg/m2
	Dimension Stability EN434	0.01%
	Flexibility ASTM F137	Dia 8mm : Pass
	Squareness SJ/T 11236-2001	610 X 610: ± 0.02mm
	Residual Indentation SJ/T 11236-2001	0.15mm
	Abrasion Resistance ASTM D4060 (CS-1000g, 1000 cycles)	0.0987 g
	Hardness ASTM D2240	65 (Type D/1 sec)
	Static Load Limit ASTM F-970	0.02mm
	Electrical Resistance ANSI/ESD S7.1.2005	1 X 10 ⁶ < R < 10 ⁸ Ω
Electrical Features	Body Voltage Generation SJ/T 11236-2001	IVI < 100 volt
	Static Decay GJB2605-1996	2 Sec
Resistance To Chemical	Resistance to Chemical ASTM F925	Good (Test results available upon request)
Fire Resistance	Smoke Generated ASTM E662-6/NFPA 258	450 Or less
	Critical Radiant Flux ASTM E648-06a/NFPA 253	Class I
	Flame Spread ASTM 84-07/NFPA 255	Class II
	Outgassing ASTM E 595	Excellent (Test Result Available)
Miscellaneous Features	Color Fastness ISO 105 B02	6
	Water Proof Test ASTM D570	0.19%

ESD PVC Tile

ESD PVC floor tile is produced from PVC resin by special processing crafts. The static conductive network formed among the interface of plastic articles contributes to its permanent anti static performance. It is suitable for purified and anti static sites such as electronic apparatus, computer room, clean factory, etc.

Features:

- ❖ Good abrasion and corrosion resistance
- ❖ Excellent aging resistance and low dust emission.

SPECIFICATIONS

Material	Anti static PVC resin
Color	Marble
Size	600x600mm
Thickness	2mm
Volume	10 ⁵ ~10 ⁸ ohms per square
Static decay time	0.9s

Surface Resistivity Meter

Description

This is a wide-range, battery operated, portable instrument for measuring Surface Resistivity of virtually any surface. In the circuit industry, products such as packaging materials, component storage bags and trays, work bench surfaces, table and floor mats, conveyor belts, etc., have resistance values which need to conform to stringent specifications. Moreover, these values are expected to fall within specified limits. The Surface Resistivity meter can play a vital role in monitoring and checking the resistivity characteristic of the above items.



Surface Resistivity, Resistance between 2 points, and Surface to Ground can all be conveniently measured in accordance with EOS/ESD Association Std S4.1. Measurements in the conductive range i.e. upto 10^5 are made at 10V and all higher values at 100V. Measurements can be taken with built-in parallel electrodes or special external probes. A separate cord is also provided for Surface to ground measurements whereby the resistivity differential between any surface and any chosen ground can be determined.

The surface resistivity is conveniently indicated through an LED scale that is colour coded to signify conductive, dissipative and insulative covering a total of 12 decades from 10^3 to 10^{12} ohms/square with under range and over range indications.

SPECIFICATIONS

Measurement Range	:	Autoranging 10^3 to 10^{13} ohms/sq
Measurement accuracy	:	Half decade
Resolution	:	One decade.
Excitation voltage	:	10V for $<10^5$, 100V for $>10^6$
Indication	:	By Multi-colour LEDs
Test actuation	:	Press to ON Switch.
Power supply	:	9 Volt DC battery.

Low battery	:	Warning at 7.5 V
Dimensions in mm	:	125 x 75 x 29
Weight	:	160 GMS
Calibration	:	Recommended every 12 months
Traceability	:	To national standards
Warranty	:	12 months.
Accessories included	:	1 m Grounding Cord & Carrying case
Optional	:	External measuring probes

Surface Resistivity Meter

Description

This is an ultra wide-range, battery operated, portable instrument for measuring Surface Resistivity of virtually any flat surface. In the circuit industry, products such as packaging materials, component storage bags and trays, work bench surfaces, table and floor mats, conveyor belts, etc., have resistance values which need to conform to stringent specifications. Moreover, these values are expected to fall within specified limits. The Surface Resistivity meter can play a vital role in monitoring and checking the resistivity characteristic of the above items.

It also has unique additional feature of surface-to-ground measurement capability wherein the resistivity differential between any surface and any chosen ground can be determined.

The surface resistivity is conveniently indicated by a row of LEDs covering a total of 10 decades from 10^3 to 10^{13} ohms/square.



SPECIFICATIONS

Measurement Range	:	10^3 to 10^{13} ohms/sq
Measurement accuracy	:	Half decade
Resolution	:	One decade.
Excitation voltage	:	9 V
Indication	:	Visual by LEDs
Test actuation	:	Press to ON Switch.
Power supply	:	9 Volt DC battery.
Low battery	:	Warning at 7.5 V
Dimensions in mm	:	125 x 75 x 29
Weight	:	150 GMS
Calibration	:	Recommended every 12 months
Traceability	:	To national standards
Warranty	:	12 months.
Accessories included	:	1 m Grounding Cord & Carrying case

Bench Top Ioniser

Description

The generation and accumulation of unwanted electrostatic charges, both surface and airborne, poses a serious problem in various industries and laboratories. For instance, static charges can create havoc with sensitive equipment and electronic components.

This Bench Top instrument is designed to neutralise your ESD work-station or ESD protected area with a stream of ionized air. It does what Wrist straps and Conductive mats cannot do – i.e. remove static charges from non-conductive objects and surfaces.

It is able to rapidly neutralise potentially dangerous charges in a localised area. An axial fan gives the desired air flow to neutralise static on specific objects rapidly, as well as control static in the general area in front of the ionizer.

This is a powerful, trouble free and compact solution to static control problems anywhere. The unique high efficiency ionization pulse circuitry provides fast discharge with minimum air flow. A high air flow would lead to operator discomfort and may also disturb small components.

This static eliminator works on the principle of high voltage corona discharge to produce the neutralising ions. It is designed for continuous use and a current limiter circuit ensures operator safety even if the ion emitters are accidentally touched.

The Z207 has special circuitry to ensure a balanced ion output. This ensures that no net charge is induced by the ion shower. Balance is maintained irrespective of supply voltage and even if the discharge electrodes are dirty. Balanced output is essential when used in ESD protected areas.

APPLICATION AREAS

- ❖ Anti-static work stations and assembly units.
- ❖ Plastic film and paper industries
- ❖ Plastic manufacturing and moulding units.
- ❖ Pharmaceutical industry.
- ❖ Clean rooms.

SPECIFICATIONS

Air Flow	:	1.8 cu m/min
Noise level	:	45 dbA (at 1m)
Supply	:	230V AC 50Hz 20 Watts
Ionization voltage	:	6-8 KV
Ion balance	:	Under -/+ 50 V
Construction	:	Powder coated MS cabinet
Dimensions in mm	:	170 x 90 x 200
Weight	:	2.75 kgs
Warranty	:	12 months.



Over Head Ioniser

Description

The generation and accumulation of unwanted electrostatic charges, both surface and airborne, poses a serious problem in various industries, work areas & laboratories. For instance, static charges can cause havoc in the electronic assembly shopfloor.

This OVERHEAD unit can be conveniently hung over the work area for a large coverage to neutralise the charges on personnel or on any item entering an ESD sensitive area. This is achieved with a stream of ionized air. "Ion showering" is the only effective method of removing static charges from non-conductive objects and surfaces.

The unique high-efficiency pulse circuitry provides fast discharge with limited air flow. It works on the principle of high-voltage corona discharge to produce the neutralising ions.

Ion Balance is maintained irrespective of supply voltage and even if the discharge electrodes are dirty. Balanced output is essential when used in critical ESD sensitive areas.



APPLICATION AREAS

- ❖ ESD sensitive work areas and assembly units.
- ❖ Plastic and paper industries
- ❖ IT & Computer industry
- ❖ Clean rooms.

SPECIFICATIONS

Air Flow	:	425 cm/hr
Noise level	:	55 dbA at 1m
Supply	:	230V AC 50Hz 70 Watts
Ionization Potential	:	6-8 KV
Ion balance	:	-/+ 50 V
Construction	:	Powder coated MS cabinet
Dimensions in mm	:	L1000 x B170 x H130.
Weight	:	7 kgs.
Warranty	:	12 months.