


Detailed Specification of ESD Work Place System

Technical Specification		
Sr.No.	Parameter	Specification
1	ESD Standards	ANSI- ESD S20.20-2014
		IEC 61340- ESD Standard
		DIN EN 312- Standard for High Pressure Laminated Worktop
2	Weight Carrying Capacity	400 kgs
3	Volume ESD Resistance	$1 \times 10^4 - 1 \times 10^8$ Ohm
4	Eath Connection Resistance	$1 \times 10^4 - 1 \times 10^9$ Ohm
5	Worktop	<p>28mm Premium board P2 ESA,ELECTROSTATICALLY DISSIPATIVE High pressure laminated PARTICLE BOARD TYPE P2 TO DIN EN 312, as shown image.</p> <p>Dimensions 1600x1000mm. Front corners shall be rounded by50mm radius and all sides covered with ABS 2mm edge binding</p> <div style="text-align: center;">  <p>The diagram shows a cross-section of the worktop with three distinct layers. The top and bottom layers are labeled 'HPL ESA' and the middle layer is labeled 'PremiumBoard ESA P2'. The layers are shown as a textured, dark grey material.</p> </div>
6	Table Size	1600 mm (L) X 1000 mm (D) X 780 mm (H) ,1200mm overall height
		4 pieces of aluminium C shaped leg profile with 80x80mm & R90mm dimensions
		40 X 40 mm heavy duty table frame made of aluminium
7	Instrument Shelf	1600 mm (L) x500mm (D)(1 No.) 19mm Premium board P2 ESA,ELECTROSTATICALLY DISSIPATIVE High pressure laminated PARTICLE BOARD TYPE P2 TO DIN EN 312, all sides covered with ABS 2mm edge binding
8	Legs Profile	Aluminium Leg profile up to 1200mm (Rear Legs)
9	Lighting System	20-watt sleek LED Tubelight with 2000 lumes intensity. Radiation free light. Advanced SMD LED Technolgy with soft glare free light. Shall be attached to the first filling board
10	Energy Channel	Aluminum profile for mounting Sockets, Switch & safety unit.
11	Socket Modules	5 Socket & 3 socket modules for mounting 5/15A Legrand power sockets

12	Pinup Board + white Board	Shall be attached at rear legs between worktop & shelf with half portion covered
13	Monitor Arm	360-degree rotatable monitor holder shall be attached to any of rear leg of the table
14	CPU Tray	CPU holding tray shall be attached to the front leg of the table 100mm above the floor
15	Keyboard Tray	Keyboard holder shall attach below the table
16	Drawer	3 nos equal compartmental storage drawer with central lock facility
17	foot rest	Vertically Inclined horizontally movable ESD foot rest
	ESD Chair	<ol style="list-style-type: none"> 1. Seat Size - W x D: 480 x 480 mm 2. Backrest Size - W x H: 400 x 400mm 3. Thickness of Backrest/Seat - 35mm / 35mm 4. Mechanism - Synchro tilt mechanism with backrest to seat tilt ratio of 5:1 5. Material - PU chair upholstered with Conductive Fabric; color – Green 6. Height Adjustment - 487 to 612mm 7. Base - Aluminium die-cast five-star base with Dia 700mm 8. Wheels – 2 ESD and 3 Non ESD Nylon PA Castors 9. Gas lift - chrome plated safety gas spring for height adjustment 10. ESD - Conductive chair for discharging static electricity which comply with ANSI/ESD-S 10.10-2014 and IEC 61340-5-1 Norms and provide standard ESD resistance between 10^4 to 10^8 Ohms 11. Armrest - Height adjustable safety armrest, chrome-plated
17	Warranty	1 Year
18	Terms & Conditions	<p>Please Note Following Terms and Condition should also be complied:</p> <ol style="list-style-type: none"> 1. Volume Conductive ESD Worktop cross section has to be produced for verification with 2. All test certificate including ANSI and IEC Standard certificate has to be produced for verification.

1. Design Representation



2. ESD Chair

