

ESD Reverse Mesh Rack

◆ Product Description

ESD Wire Mesh Shelving is a professional storage device specially designed for high load-bearing anti-static storage at fixed workstations in the electronics, semiconductor and precision instrument industries. Equipped with adjustable anti-static leveling feet at the bottom, it achieves the dual core functions of superior stability and reliable electrostatic protection. It is the optimal fixed storage solution for modern electronic manufacturing and warehousing sectors.



- Full-link ESD protection for safe and reliable shielding
- Flexible mobility balanced with stable positioning
- Modular design for easy assembly, disassembly and adjustment
- Durable, corrosion-resistant and rugged, suitable for complex environments
- Cleanable and easy to maintain with strong adaptability to diverse scenarios

◆ Product Structure

- The ESD wire mesh shelving adopts a fully conductive modular structure made of carbon steel with chrome plating. Its main body is assembled from columns with equally spaced adjustment holes and wire mesh shelves via metal buckles without the need for tools. The bottom is equipped with 4 adjustable 32MM metal leveling feet, and is also paired with a conductive chain to form dual electrostatic discharge paths. It is specially designed for the fixed workstation storage of heavy-duty ESD-sensitive materials in the electronics industry.

◆ Typical Applications

- The ESD wire mesh shelving is widely applicable to various scenarios in the electronics industry: it can serve as temporary material stations beside SMT production lines to meet the demand for rhythmic material picking in line with the production tempo; it can be used for the classified storage of sensitive components such as chips and capacitors in electronic component warehouses, improving warehouse sorting efficiency; and it can eliminate the potential risks of electrostatic dust adsorption.

◆ Typical Product Data and Physical Properties

Main Frame Material: Carbon steel with chrome plating

Metal Leveling Feet: 32 MM carbon steel with chrome plating

Conductive Chain: Copper-plated carbon steel chain

Uniform Load Capacity per Shelf: ≥ 220 kg/layer

Spacing of Column Adjustment Holes: 25.4 mm

Verticality Deviation of Frame: $\leq 0.5^\circ$

Anti-static Resistance Value: $\leq 1.0 \times 10^9 \Omega$

Electrostatic Discharge Time: ≤ 0.1 s

Availability:

Item#	Number of Layers	Spec	Weight
1.4.02.02.0019	4-Layer Wire Mesh	1200*450*1300MM	28kg
1.4.02.02.0012	3-Layer Wire Mesh	1200*450*1300MM	25kg
1.4.02.02.0017	3-Layer Wire Mesh	900*450*1200MM	25kg
1.4.02.02.0014	3-Layer Wire Mesh	800*400*850MM	23kg
1.4.02.02.0015	3-Layer Wire Mesh	600*450*800MM	20kg
1.4.02.02.0016	3-Layer Wire Mesh	600*450*1200MM	20kg
1.4.02.02.0010	2-Layer Wire Mesh	600*400*800MM	20kg

◆ Technical and Application Assistance

HORB provides a technical hotline to answer your technical and application related questions.

◆ Note:

This information is believed to be accurate. It is intended for professional end users having the skills to evaluate and use the data properly. HORB data is for reference purposes only.

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