

ESD Pcb Turnover Car

◆ Product Description

As a core component in the electronic manufacturing industry, electrostatic damage and physical collisions during the production and transfer of PCB boards are key pain points affecting product yield. The anti-static PCB turnover cart is specifically designed to address these industry challenges. With its superior anti-static performance, precise PCB compatibility, and reliable turnover safety, it has become a core logistics equipment in scenarios such as SMT assembly workshops, PCB assembly lines, and warehousing & logistics, building a solid product protection barrier for electronic manufacturing enterprises.



- High-Efficiency Anti-Static Core
- Flexible Structure Adaptability
- All-Round Safety Protection
- High-Strength Durable Design
- Easy Operation Experience

◆ Product Structure

- ESD PCB Transfer Cart is a specialized storage and transportation equipment for PCB boards in scenarios such as SMT workshops in the electronic manufacturing industry. Centered on ESD protection design, it features a metal frame as the support structure, paired with slotted plates made of anti-static PP material to enable safe PCB storage. A dual-protection grounding system consisting of conductive wheels and a grounding chain ensures rapid static electricity dissipation. Complemented by accessories including handles, fixing devices, and label areas, the cart achieves both mobile convenience and structural stability. It can be adapted to different types based on PCB characteristics and usage environments, effectively protecting ESD-sensitive electronic components and ensuring production yield.

◆ Typical Applications

- In the process connection and warehousing management of SMT workshops, the anti-static PCB transfer cart serves to mitigate ESD hazards, enable safe PCB storage, and facilitate flexible transfer. It protects PCB quality and improves production efficiency.

◆ Typical Product Data and Physical Properties

Material: Stainless steel frame + PP injection-molded slotted plates
 Dimensions: L1100*W550*H1400mm
 Number of Layers: 4 layers (total capacity: 300 PCB boards)
 Rated Load Capacity: Standard type $\geq 150\text{kg}$
 Single Slot Load Capacity: Maximum load per slot $\leq 0.5\text{kg}$ (for PCB boards)
 Operating Temperature Range: -10°C to 60°C
 Humidity Adaptability: Relative Humidity 30% to 90%
 ESD Resistance: $1.0 \times 10^5 - 1.0 \times 10^9 \Omega$

Availability:

Item#	Specification	Size	Weight
1.4.03.01.0033	Four-layer	L1100*W550*H1400MM	10kg

◆ 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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