

ESD Double-layer Workbench



◆ Product Description

The anti-static double-layer laminar flow workbench is specially designed for scenarios requiring "electrostatic protection + clean environment" such as semiconductors and medical electronics. It complies with multiple European standards and addresses the core needs of precision operations with "double-layer efficient space + Class 100 cleanliness + stable anti-static performance".

- Double-layer Efficient Space Utilization
- Class 100 Cleanliness Laminar Flow System
- Synchronous Anti-static Performance for Double Worktops
- High Rigidity and Durable Structure
- Full Compliance with European Standards

◆ Product Structure

- The ESD double-layer laminar flow workbench is framed with 1.5mm-thick A6063-T5 aluminum profiles. It is equipped with double-layer anti-static worktops of 1230×760×25mm, which are secured with M6 screws and anti-static rubber pads, with PVC edge banding on all four sides (R3mm). A 500mm-high laminar flow unit is installed above the upper layer; the corners of the worktops are rounded into arcs with an R6mm radius, and the workbench is equipped with acrylic baffles, all of which complies with European standards.

◆ Typical Applications

- The ESD double-layer laminar flow workbench is used in semiconductor chip packaging, assembly of minimally invasive medical devices in medical electronics, MEMS sensor testing, and production of bioelectronic implant components, meeting the stringent requirements of each scenario.

◆ Typical Product Data and Physical Properties

Main Materials: A6063-T5 Aluminum Profiles + Anti-static Panels
 Overall Dimensions: L1230 *W760 *H2224 MM
 Thickness of Aluminum Profiles: 1.5MM
 Anti-static Performance: $\leq 10E9 \Omega$
 Load-bearing Capacity: $\geq 120 \text{ kg}$
 Tensile Strength: 145.0-185.0 MPa
 International Standard: European Standards

Availability:

Item#	Dimensions	Number Of Layers
1.4.01.04.0007	L1230xW760xH2224MM	Double-layer Laminar Flow

◆ 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 for reference only.

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