

ESD Calculator

◆ Product Description

The ESD calculator is a specialized electronic computing device designed specifically for electrostatic protection areas and cleanroom environments. It addresses the risk of damage to precision components caused by electrostatic discharge (ESD) that occurs during the operation of conventional calculators.



- Global Long-Lasting Antistatic Performance
- Dual Power Supply Modes
- Structural Protective Design
- Basic Calculation Functions
- Durable & Easy-to-Operate Design

◆ Product Structure

- The ESD calculator adopts an ABS shell, conductive silicone keys, and an antistatic circuit board, which form a global equipotential conductive path through nickel-plated shrapnels. In terms of power supply function, backlit models are equipped with dual power supply modules. All structures work together to ensure antistatic performance and adaptability to workshop scenarios.

◆ Typical Product Data and Physical Properties

Material: ABS resin (shell) / Conductive silicone (keys)
 Color: Black
 Power Supply Method: Solar energy / Battery
 Display Type: LCD digital display screen
 Resistance: 10E5-10E9Ω
 Battery Mode: ≥ 180 days
 Charge Decay Time: ≤ 1 second

Availability:

| Item# | Color | size |
|----------------|-------|--------------|
| 1.3.11.14.0003 | Black | 150*120*50MM |

◆ Typical Applications

- The ESD calculator relies on its global antistatic performance, adaptive operation and protection features in scenarios such as microelectronic chip workshops, new energy lithium battery workshops, optoelectronic laboratories, and military electronic assembly areas, meeting the data calculation and electrostatic protection needs of each scenario.

◆ 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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