

ESD Straight Handle Brush

◆ Product Description

ESD Straight-handle Brush is a cleaning tool specially designed for the electronics industry. It can safely discharge static electricity generated during the cleaning process to the ground, protecting electrostatically sensitive components from damage. It is an essential tool for electronic manufacturing, maintenance, and laboratory environments.



- Precise Anti-static Protection
- Dust-free & High-efficiency Cleaning
- Durable & Stable Material
- Ergonomics & Multi-specification Adaptability
- Safety, Compatibility & Environmental Friendliness

◆ Product structure

- ESD Straight-handle Brush is composed of conductive PP handle, anti-static PA nylon bristles and other components. It quickly discharges static electricity through an integrated conductive path, featuring dust-free, durable and multi-specification adaptability. It is suitable for cleaning and protection in electrostatically sensitive scenarios such as electronic manufacturing and precision instruments.

◆ Typical Product Data and Physical Properties

Brush Head Material: Nylon (PA66)
 Handle Material: Anti-static PP
 Color: Black
 Bristle Surface Resistance: $\leq 10E9\Omega$
 Handle Surface Resistance: $\leq 10E9\Omega$
 Tensile Strength: $>120\text{ MPa}$
 Elastic Recovery Rate: $>95\%$
 Bristle Pull-out Force: $>5\text{N/bundle}$
 Wear Resistance Cycles: $>5000\text{ cycles}$

Availability:

Item#	Model	Spec	Brush Size	Brush Head Size	Weight
1.2.05.04.0002	Ball Brush	1Row1Hole	140MM	-	0.01kg
1.2.05.08.0004	Large	1Row12Holes	147*60MM	60*17MM	0.03kg
1.2.05.08.0003	Medium	1Row3Holes	122*24MM	24*15MM	0.04kg
1.2.05.08.0007	Small	1Row7Holes	140*31MM	36*16MM	0.06kg

◆ Typical Applications

- ESD Straight-handle Brush is suitable for electrostatically sensitive scenarios such as electronic manufacturing, precision instruments, automotive electronics, communication equipment, cleanrooms, and consumer electronics assembly, and is used for the anti-static cleaning of precision components.

◆ 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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