

ESD U-Brush

◆ Product Description

ESD U-shaped Brush is an anti-static cleaning tool specially designed for irregular surfaces, gaps, and surrounding cleaning. The U-shaped brush head can 360° wrap around the cleaning target, efficiently removing dust and debris while quickly discharging static electricity, thus avoiding damage to electronic components and precision equipment caused by electrostatic discharge.



- U-shaped Surrounding Cleaning
- Precise ESD Protection
- Dust-free & High-efficiency Cleaning
- Durable & High Adaptability
- Safety, Convenience & Compatibility

◆ Product structure

- ESD U-shaped Brush adopts integrally formed conductive PA66 bristles, conductive PP handle and U-shaped brush head base, forming an uninterrupted conductive path. It also features an ergonomic design, enabling 360° surrounding cleaning of irregular components such as cables and pins, precisely discharging static electricity and suitable for electrostatically sensitive scenarios.

◆ 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
1.2.05.06.0007	Small	1Row12Holes	147*60MM	60*17MM	0.05kg
1.2.05.06.0001	Medium	1Row3Holes	122*24MM	24*15MM	0.1kg
1.2.05.06.0003	Large	1Row7Holes	140*31MM	36*16MM	0.2kg

◆ Typical Applications

- ESD U-shaped Brush is suitable for electronic manufacturing, automotive electronics, precision instruments, communication equipment and consumer electronics fields. It enables 360° surrounding cleaning of irregular components such as cables, pins and interfaces as well as gaps, while providing anti-static protection to avoid damage to sensitive 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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