

# **Asia Pacific Antistatic Brushes Market Forecast to 2028 – COVID-19 Impact and Regional Analysis – by Filament Material (Nylon, Stainless Steel, Brass, Aluminum, Carbon Fiber, and Others), Brush Type (Tufted Strip and Plate Brushes, Disk Brushes, Cylindrical Brushes, and Others), and Application (Automotive, Metalworking, Electronics, Industrial Machinery, and Others)**

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## **Abstracts**

The Asia Pacific antistatic brushes market is expected to grow from US\$ 95.61 million in 2022 to US\$ 130.24 million by 2028. It is estimated to grow at a CAGR of 5.3% from 2022 to 2028.

### **Growing Demand from Electronics Manufacturing Industry Drive Asia Pacific Antistatic Brushes Market**

The electronics industry is one of the largest and fastest-growing industries in the world. Electronic components are highly sensitive to static electricity. During the manufacturing process, static charges can accumulate on the surfaces of components, circuit boards, or assembly equipment. If not controlled effectively, electrostatic discharge (ESD) can cause damage to these sensitive electronic parts, resulting in product failures, decreased reliability, and increased costs. Moreover, the risk of static damage increases with the continuous miniaturization of electronic devices. Miniaturized components are more susceptible to ESD due to their reduced size and increased sensitivity. Antistatic brushes are used to dissipate static charges and prevent ESD, ensuring the integrity and quality of electronic products. According to Invest India, the

global electronics manufacturing services market is anticipated to reach US\$ 1,145 billion by 2026, at a CAGR of 5.4% during 2021–2026 (the forecast period). The India Brand Equity Foundation states that the Indian electronics manufacturing industry is projected to reach US\$ 520 billion by 2025. The electronic industry is subject to strict quality standards and regulations to ensure the safety, performance, and reliability of electronic products. Compliance with industry standards such as ISO 9001, ISO 13485, and ESD Association (ESDA) standards requires the implementation of proper static control measures. Therefore, the rising demand from the proliferating electronic industry fuels the Asia Pacific antistatic brushes market growth.

### Asia Pacific Antistatic Brushes Market Overview

The demand for antistatic brushes in Asia Pacific is in parallel with industrialization and vehicular production in the region. Under the Sustainable Development Goals 2030, the Asian Development Bank has planned to build resilient infrastructure, promote inclusive and sustainable industrialization, and foster innovation in Asia Pacific. Moreover, the rise in the number of on-fleet vehicles in countries such as China, India, and South Korea is fueling the demand for PCBs and semiconductors, further bolstering the need for antistatic brushes. According to the International Organization of Motor Vehicle Manufacturers (OICA), Asia-Oceania's vehicle production increased from 46.8 million in 2021 to 50.0 million in 2022. The development of automotive parts and components in the region with the rise of electric vehicle production will create lucrative opportunities for antistatic brushes. Extensive innovation and prototyping from major automakers is one of the major factors driving the market. Further, electronics and semiconductor manufacturing in Asia Pacific has been a major driver of global trade. Asia Pacific is a global hub for the production and export of technical consumer goods (TCG), including consumer electronics such as laptops & computers, cellphones, radio sets & sound systems, and televisions, among others as well as other essential electronic parts, small and big domestic appliances. According to the Association of Southeast Asian Nations, the electronics sector accounts for 20% to 50% of the total value of export of most countries in Asia. All these factors are propelling the growth of the Asia Pacific antistatic brushes market.

### Asia Pacific Antistatic Brushes Market Revenue and Forecast to 2028 (US\$ Million)

#### Asia Pacific Antistatic Brushes Market Segmentation

The Asia Pacific antistatic brushes market is segmented into filament material, brush type, application, and country.

Based on filament material, the Asia Pacific antistatic brushes market is segmented into nylon, stainless steel, brass, aluminum, carbon fiber, and others. In 2022, the others segment registered a largest share in the Asia Pacific antistatic brushes market.

Based on brush type, the Asia Pacific antistatic brushes market is segmented into tufted strip and plate brushes, disk brushes, cylindrical brushes, and others. In 2022, the tufted strip and plate brushes segment registered a largest share in the Asia Pacific antistatic brushes market.

Based on application, the Asia Pacific antistatic brushes market is segmented into automotive, metalworking, electronics, industrial machinery, and others. In 2022, the industrial machinery segment registered a largest share in the Asia Pacific antistatic brushes market.

Based on country, the Asia Pacific antistatic brushes market is segmented into Australia, China, India, Japan, South Korea, and the Rest of Asia Pacific. In 2022, China segment registered a largest share in the Asia Pacific antistatic brushes market.

Gordon Brush Mfg Co Inc; KIST + ESCHERICH GmbH; KOTI Industrial & Technical Brushes BV; and Ultrafab Inc are the leading companies operating in the Asia Pacific antistatic brushes market.

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