

Middle East & Africa 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 Middle East & Africa antistatic brushes market is expected to grow from US\$ 9.86 million in 2022 to US\$ 12.54 million by 2028. It is estimated to grow at a CAGR of 4.1% from 2022 to 2028.

Advancements in 5G, Nanotechnology, 3D printing, and Other Technologies Drives Middle East & Africa Antistatic Brushes Market

According to Viavi Solutions Inc.'s report, over 92 countries across the world have launched 5G networks. A further 23 countries have pre-commercial 5G network trials underway, and 32 nations have announced their 5G rollout plans. The widespread rollout of 5G networks has led to an increased demand for smartphones and other consumer electronics products. With this, the production levels of electronic components—including integrated circuits, transceivers, antennas, and printed circuit boards—have also upsurged. These components are often small, delicate, and sensitive to static electricity. Antistatic brushes are crucial for handling and protecting these components during the manufacturing process, ensuring their reliability and performance.

Antistatic brushes have traditionally been in use in electronics manufacturing, automotive, and printing industries. However, the emergence of new industries is resulting in the expansion of the application scope of antistatic brushes. For instance, the growing field of 3D printing and additive manufacturing can use antistatic brushes to mitigate static charges during printing, thus improving the quality of printed parts. Similarly, developing flexible electronics, wearable devices, and IoT devices opens up new avenues for artistic brush applications.

Further, advancements in nanotechnology, material science, and design processes may benefit the Middle East & Africa antistatic brushes market. Nanostructured materials with superior conductivity and tailored surface properties can be incorporated into brush bristles, enhancing their static-dissipating capabilities. Advanced materials can also offer improved durability, and chemical and wear resistance, making these brushes more reliable and long-lasting. Thus, technological advancements are bringing new significant trends in the Middle East & Africa antistatic brushes market.

Middle East & Africa Antistatic Brushes Market Overview

The Middle East & Africa antistatic brushes market in the Middle East & Africa is segmented into South Africa, Saudi Arabia, the UAE, and the Rest of Middle East & Africa. Countries in the region seek to attract various smartphone and other electronic product manufacturers. For instance, in September 2022, Egypt's Information Technology Industry Development Agency (ITIDA) and Chinese electronics manufacturer OPPO signed a memorandum of understanding (MoU) to build a mobile phone manufacturing plant in Egypt with ~US\$ 20 million in investments. Furthermore, in August 2022, Nokia phone manufacturer HMD Global partnered with Etisalat for Advanced Industries (EAI) to assemble 1 million mobile phones in Egypt in 2022, with plans to double production later. In May 2021, PV Hardware opened its new manufacturing facility in Saudi Arabia. The company will manufacture PV structures, solar tracking systems, and robotic cleaning devices in this facility. This growing investment of manufacturers in the region is expected to fuel the demand for antistatic brushes.

Further, the growing automotive sales in South Africa and Saudi Arabia are creating a significant demand for antistatic brushes. For instance, in September 2022, Renault Group Morocco announced that its two factories in Tangier and Casablanca, Morocco, produced 350,000 vehicles in 2022, a 15.3% increase over the production numbers in 2021. The demand for automotive components in the region is anticipated to grow

significantly during the forecast period. The Middle East & Africa market is evolving due to the increasing passenger vehicle production. The demand for vehicles made in the region is growing consistently. Rising middle-class income, growing population, and increasing passenger vehicle production are driving the Middle East & Africa antistatic brushes market.

Middle East & Africa Antistatic Brushes Market Revenue and Forecast to 2028 (US\$ Million)

Middle East & Africa Antistatic Brushes Market Segmentation

The Middle East & Africa antistatic brushes market is segmented into filament material, brush type, application, and country.

Based on filament material, the Middle East & Africa 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 Middle East & Africa antistatic brushes market.

Based on brush type, the Middle East & Africa 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 Middle East & Africa antistatic brushes market.

Based on application, the Middle East & Africa 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 Middle East & Africa antistatic brushes market.

Based on country, the Middle East & Africa antistatic brushes market is segmented into South Africa, Saudi Arabia, the UAE, and the Rest of Middle East & Africa. In 2022, Saudi Arabia segment registered a largest share in the Middle East & Africa 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 Middle East & Africa antistatic brushes market.

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