

# **Asia Pacific EMC Testing Market Forecast to 2030 - Regional Analysis - by Offering (Hardware & Software and Services), Service Type (Testing Services, Inspection Services, Certification Services, and others), and End use (Consumer Appliances and Electronics, Automotive, Military and Aerospace, IT and Telecommunications, Medical, Industrial, and Others)**

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## **Abstracts**

The Asia Pacific EMC testing market was valued at US\$ 1,148.42 million in 2022 and is expected to reach US\$ 1,903.12 million by 2030; it is estimated to grow at a CAGR of 6.5% from 2022 to 2030.

Growing Demand for Electric Vehicles Fuels Asia Pacific EMC Testing Market.

Battery-powered electric vehicles (BEVs), hybrid electric vehicles (HEVs), and plug-in hybrid electric vehicles (PHEVs) are the three primary forms of electric vehicles (EVs). Asia Pacific (Japan and China), Europe, and the US are among the most important markets for EVs, with strong sales performance. Electric two-wheelers, three-wheelers, and buses are gaining significant traction owing to rising environmental concerns and government support. Powerconverters, shielded and unshielded cables, electric motors, wireless chargers, and batteries are the key typical electric drive system components. All these components are susceptible to EMI and electromagnetic radiation. In recent years, the popularity of wireless charging has increased in the electric vehicles market. Unlike automobiles powered by internal combustion engines, certain electric vehicles emit more electromagnetic waves when charging than when driving. The power required by the electric drive system is significantly higher than that required by the entire electric system in traditional automobiles. Other characteristics of an electric

vehicle, including weight, size, and produced noise, need the use of specialist EMI shielding materials. As a result, the rise of the electric vehicle market is likely to open up significant opportunities for the electromagnetic compatibility (EMC) testing market players in the coming years.

#### Asia Pacific EMC Testing Market Overview

In APAC, elevating disposable income in developing countries, including India and China, has resulted in a significant market for high-tech consumer devices such as smart wearables, smartphones, and electric vehicles. Many APAC countries are known for the mass production of electronic devices/components required for consumer electronics, telecommunication gadgets, automobile components, and other industrial machinery. Thus, the electromagnetic compatibility (EMC) testing market in this region is growing with the rising number of manufacturing facilities in India and China, as well as a strong availability of competent people and resources.

#### Asia Pacific EMC Testing Market Revenue and Forecast to 2030 (US\$ Million)

#### Asia Pacific EMC Testing Market Segmentation

The Asia Pacific EMC testing market is segmented based on offering, service type, end use, and country. Based on offering, the Asia Pacific EMC testing market is bifurcated into hardware & software and services. The hardware and software segment held a larger market share in 2022.

In terms of service type, the Asia Pacific EMC testing market is segmented into testing services, inspection services, certification services, and others. The testing services held the largest market share in 2022.

By end use, the Asia Pacific EMC testing market is segmented into consumer appliances and electronics, automotive, military and aerospace, IT and telecommunications, medical, Industrial, and others. The consumer appliances and electronics held the largest market share in 2022.

Based on country, the Asia Pacific EMC testing market is segmented into Australia, China, India, Japan, South Korea, and the Rest of Asia Pacific. China nominated the Asia Pacific EMC testing market share in 2022.

Ametek Inc, Eurofins scientific SE, Intertek group PLC, TUV nord group, Rohde & schwarz Gmbh & co kG, SGS SA, TUV SUD AG, and UL LLC are some of the leading companies operating in the Asia Pacific EMC testing market.

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