

Europe 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 & Electronics, Automotive, IT & Telecommunications, Medical, Industrial, Military & Aerospace, and Others)

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Abstracts

The Europe EMC testing market was valued at US\$ 553.38 million in 2022 and is expected to reach US\$ 833.83 million by 2030; it is estimated to record a CAGR of 5.3% from 2022 to 2030.

Increasing Deployment of EMC in Consumer Electronics Fuel Europe EMC Testing Market

Computers, cell phones, tablets, and laptops, among other electronic devices, are extensively used for applications such as communication, entertainment, and official work. The increasing popularity of voice-assisted personal infotainment systems, rising demand for electronic appliances in automobiles, surging use of smartphones, growing knowledge regarding the impact of artificial intelligence, and deployment of 5G cellular networks are contributing to the elevated sales of consumer electronics. The importance of ensuring EMC is growing significantly with the escalating use of electronic gadgets such as computers, mobile phones, and navigation systems. Factors such as the high potential for emissions owing to variable supply voltages, higher clock frequencies, quicker slew rates, and increased package density, along with a high need for smaller, lighter, cheaper, and low-power devices, are bolstering the demand for EMC shielding. Reliable EMI protection contributes considerably to machines' reliability, adding value to

them. Thus, rising demand for consumer electronics fuels the electromagnetic compatibility (EMC) testing market growth.

Europe EMC Testing Market Overview

The electromagnetic compatibility (EMC) testing market in Europe is mainly ascribed to the heavy adoption of modern technologies in manufacturing and commercial activities. The automotive sector is the largest contributor to the growth of many European countries. Germany marks the presence of several well-known automotive manufacturers, including Daimler AG, VW, BMW, Porsche, Opel, and Audi. Significant investments by vehicle manufacturers in their EV production capabilities are driving the electromagnetic compatibility (EMC) testing market in Europe.

Europe EMC Testing Market Revenue and Forecast to 2030 (US\$ Million)

Europe EMC Testing Market Segmentation

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

In terms of service type, the Europe 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 Europe EMC testing market is segmented into consumer appliances & electronics, automotive, IT & telecommunications, medical, industrial, military & aerospace, and others. The consumer appliances and electronics held the largest market share in 2022.

Based on country, the Europe EMC testing market is segmented into the Germany, France, Italy, Russia, the UK, and the Rest of Europe. Germany dominated the Europe EMC testing market share in 2022.

Ametek Inc, Element Material Technology Group Ltd, Bureau Veritas SA, 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 Europe EMC testing market.

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