

Electromagnetic Compatibility Shielding And Test Equipment Global Market To Reach \$7.87 Billion By 2028 At CAGR 6.4%

*The Business Research Company's
Electromagnetic Compatibility Shielding &
Test Equipment Global Market Report
2024 – Market Size And Global Forecast
2024-2033*

LONDON, GREATER LONDON, UK,
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The [electromagnetic compatibility \(EMC\) shielding and test equipment market](#) has experienced robust growth

in recent years, expanding from \$7.4 billion in 2023 to \$7.87 billion in 2024 at a compound annual growth rate (CAGR) of 6.4%. The growth in the historic period can be attributed to the early adoption of military communication systems, the rapid growth of the consumer electronics, Stringent government regulations on electronic interference, rising number of connected cars, and increased awareness of EMC standards among manufacturers.



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Strong Future Growth Anticipated

The electromagnetic compatibility (EMC) shielding and test equipment market is projected to continue its strong growth, reaching \$10.15 billion in 2028 at a compound annual growth rate (CAGR) of 6.6%. The growth in the forecast period can be attributed to growing emphasis on

renewable energy systems, the expansion of smart home and building technologies, heightened awareness of electromagnetic pollution, increasing complexity of electronic systems in defense applications, growing investments in research and development for EMC solutions.

Explore Comprehensive Insights Into The Global Electromagnetic Compatibility (EMC) Shielding And Test Equipment Market With A Detailed Sample Report:

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Electromagnetic Compatibility (EMC) Shielding And
Test Equipment Global Market Report 2024 – Market
Size, Trends, And Global Forecast 2024-2033

Growth Driver Of The Electromagnetic Compatibility (EMC) Shielding And Test Equipment Market

The escalated demand for electronic devices is expected to propel the growth of the electromagnetic compatibility (EMC) shielding and test equipment market going forward. EMC shielding and test equipment ensure electronic devices operate reliably in their intended environments. Shielding protects devices from external interference and prevents them from emitting harmful EMI. Meanwhile, test equipment helps designers and engineers evaluate and mitigate EMI issues, ensuring compliance with regulatory standards and enhancing the overall performance and safety of electronic products.

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<https://www.thebusinessresearchcompany.com/report/electromagnetic-compatibility-emc-shielding-and-test-equipment-global-market-report>

Major Players And Market Trends

Key players in the electromagnetic compatibility (EMC) shielding and test equipment market include 3M Company, Parker-Hannifin Corporation, TDK Corporation, AMETEK Inc., Tektronix, Teledyne LeCroy, Keysight Technologies.

Major companies operating in the EMC shielding and test equipment market are innovating switchable three-phase coupling networks to serve customers with advanced features better. A switchable three-phase coupling network is a device that is used for three-phase power lines and can dynamically adjust its decoupling inductance based on the chosen current range.

Segments:

- 1) By Equipment Type: Amplifiers, Spectrum Analyzers, Electromagnetic Interference (EMI) Receivers, Signal Generators, Electromagnetic Compatibility (EMC) Test Chambers, Transient Generators, Other Equipment Types
- 2) By Material: Electromagnetic Compatibility (EMC) Shielding Tapes And Laminates, Conductive Polymers, Conductive Coatings And Paints, Electromagnetic Compatibility (EMC) Filters
- 3) By End-User: Healthcare, Automotive, Aerospace And Defense, Consumer Electronics, Information Technology And Telecommunications, Other End-Users

Geographical Insights: Asia-Pacific Leading The Market

Asia-Pacific was the largest region in the EMC shielding and test equipment market in 2023. Europe is expected to be the fastest-growing region in the forecast period. The regions covered in the electromagnetic compatibility (EMC) shielding and test equipment market report are Asia-Pacific, Western Europe, Eastern Europe, North America, South America, Middle East, Africa.

Electromagnetic Compatibility (EMC) Shielding And Test Equipment Market Definition

Electromagnetic compatibility (EMC) shielding and test equipment are tools and materials used to manage electromagnetic interference (EMI) and ensure that electronic devices operate effectively without interfering with each other. EMC test equipment is used to measure and assess the electromagnetic emissions and immunity of electronic devices, ensuring they comply

with regulatory standards. The purpose of EMC shielding and test equipment is to minimize the risk of electromagnetic interference, ensuring the reliable operation of electronic devices in various environments.

Electromagnetic Compatibility (EMC) Shielding And Test Equipment Global Market Report 2024 from The Business Research Company covers the following information:

- Market size data for the forecast period: Historical and Future
- Market analysis by region: Asia-Pacific, China, Western Europe, Eastern Europe, North America, USA, South America, Middle East and Africa.
- Market analysis by countries: Australia, Brazil, China, France, Germany, India, Indonesia, Japan, Russia, South Korea, UK, USA.

Trends, opportunities, strategies and so much more.

The Electromagnetic Compatibility (EMC) Shielding And Test Equipment Global Market Report 2024 by The Business Research Company is the most comprehensive report that provides insights on [electromagnetic compatibility \(EMC\) shielding & test equipment market size](#), electromagnetic compatibility (EMC) shielding and test equipment market drivers and trends, electromagnetic compatibility (EMC) shielding and test equipment market major players, electromagnetic compatibility (EMC) shielding and test equipment competitors' revenues, electromagnetic compatibility (EMC) shielding and test equipment market positioning, and electromagnetic compatibility (EMC) shielding and test equipment market growth across geographies. The electromagnetic compatibility (EMC) shielding and test equipment market report helps you gain in-depth insights into opportunities and strategies. Companies can leverage the data in the report and tap into segments with the highest growth potential.

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Global Market Model – Market Intelligence Database

The Global Market Model, The Business Research Company's flagship product, is a market intelligence platform covering various macroeconomic indicators and metrics across 60

geographies and 27 industries. The Global Market Model covers multi-layered datasets that help its users assess supply-demand gaps.

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