

Europe Automotive E-compressor Market Size study, by Type (Pressure Decay Testing, Helium Sniff Testing) by End-use (Automotive & Transportation, Medical & Pharmaceutical, Packaging, Industrial, Aerospace and Defence, Power and Energy) and Country Forecasts 2022-2032

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Abstracts

Europe Automotive E-compressor Market is valued approximately at USD 519.21 million in 2023 and is anticipated to grow with a healthy growth rate of more than 10.88% over the forecast period 2024-2032. Automobile E-compressors are components in modern automobile systems that improve engine performance and efficiency, especially in vehicles with turbocharged or supercharged engines. This compressor works independently and helps to avoid turbo lag, which is the delay in power delivery that occurs with standard turbocharged engines. Furthermore, rising focus on emission free vehicles are gaining attention towards Europe Automotive E-compressor Market. E-compressors contribute to reducing the overall environmental impact of vehicles by enabling more efficient operation of heating and cooling systems in EVs. By minimizing energy consumption for cabin comfort, e-compressors help decrease greenhouse gas emissions associated with vehicle operation, aligning with the goals of sustainability and environmental protection.

Europe Automotive E-compressor Market is driven by growing demand of hybrid electric vehicle and expansion of automotive manufacturing facilities across the region. Advancements in e-compressor technology are making hybrid electric vehicles more attractive to consumers. Manufacturers are developing compact, lightweight, and energy-efficient e-compressors specifically designed for hybrid vehicle applications. These advancements in e-compressor technology contribute to improving the overall

performance and appeal of hybrid electric vehicles. In addition, facility expansions often coincide with technology upgrades and process improvements aimed at increasing efficiency and reducing costs. This can lead to the adoption of advanced thermal management solutions, including more efficient and compact e-compressors. However, high cost of automotive e-compressor and risk of failure is going to impede the overall demand for the market during the forecast period 2022-2032.

The key countries considered for the Europe Automotive E-compressor market study includes UK, Germany, France, Italy, Spain, and Rest of Europe. In 2023, Germany was the largest regional market in terms of revenue owing to factors such as increasing presence of key OEMs from automotive industry across the region. E-compressors are a crucial component of electric and hybrid vehicles' thermal management systems, and OEMs leverage their technological expertise to optimize the performance, efficiency, and reliability of these compressors. Furthermore, the market in UK, on the other hand, is expected to grow at the fastest rate over the forecast period.

Major market player included in this report are:

Valeo SA

Mahle GmbH

Robert Bosch GmbH

Company 4

Company 5

Company 6

Company 7

Company 8

Company 9

Company 10

The detailed segments and sub-segment of the market are explained below:

by Type

Pressure Decay Testing

Helium Sniff Testing

by End-use

Automotive & Transportation

Medical & Pharmaceutical

Packaging

Industrial

Aerospace and Defence

Power and Energy

By Region:

Europe

UK

Germany

France

Spain

Italy

ROE

Years considered for the study are as follows:

Historical year – 2022

Base year – 2023

Forecast period – 2024 to 2032

Key Takeaways:

Market Estimates & Forecast for 10 years from 2022 to 2032.

Annualized revenues and Country level analysis for each market segment.

Detailed analysis of geographical landscape with Country level analysis.

Competitive landscape with information on major players in the market.

Analysis of key business strategies and recommendations on future market approach.

Analysis of competitive structure of the market.

Demand side and supply side analysis of the market.

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