

Automotive Radar Market Size, Trends, Analysis, and Outlook by Range (Long Range, Medium & Short Range), Vehicle (Passenger Cars, Commercial Vehicles), Application (Adaptive Cruise Control (ACC), Autonomous Emergency Braking (AEB), Blind Spot Detection (BSD), Forward Collision Warning (FCW), Intelligent Park Assist, Others), by Country, Segment, and Companies, 2024-2030

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Abstracts

The global Automotive Selective Catalytic Reduction market size is poised to register 8.17% growth from 2024 to 2030, presenting significant growth prospects for companies operating in the industry. The study analyzes the global Automotive Selective Catalytic Reduction market by Component (Urea Tank, Urea Pump, Engine Control Unit (ECU), Injector), Vehicle (Passenger Vehicle, Commercial Vehicle), Fuel (Gasoline, Diesel). The Automotive Selective Catalytic Reduction (SCR) Market is set for significant evolution, driven by stringent emission regulations worldwide, aimed at reducing nitrogen oxide (NOx) emissions from vehicles, which are propelling the adoption of SCR technology as a leading solution for diesel and increasingly for gasoline-powered vehicles. This trend is further emphasized by the increasing implementation of Euro 6 and similar standards globally, mandating the use of SCR systems to meet stringent emission limits. Secondly, the rise of electric and hybrid vehicles is reshaping the automotive SCR market, with a focus on SCR systems optimized for emissions control in internal combustion engines paired with electrified powertrains. Further, advancements in SCR catalyst formulations and system integration are enhancing efficiency and reducing ammonia slip, optimizing SCR performance while minimizing environmental impact. In addition, the expansion of the global automotive market,

particularly in emerging economies, presents opportunities for SCR technology providers to cater to the growing demand for vehicles equipped with advanced emissions control systems, tailored to regional emission standards and driving conditions. Furthermore, the increasing focus on sustainable transportation and corporate environmental responsibility is driving innovation in SCR technology, with a focus on enhancing system durability, reliability, and compatibility with alternative fuels.

Automotive Selective Catalytic Reduction Market Drivers, Trends, Opportunities, and Growth Opportunities

This comprehensive study discusses the latest trends and the most pressing challenges for industry players and investors. The Automotive Selective Catalytic Reduction market research analyses the global market trends, key drivers, challenges, and opportunities in the industry. In addition, the latest Future of Automotive Selective Catalytic Reduction survey report provides the market size outlook across types, applications, and other segments across the world and regions. It provides data-driven insights and actionable recommendations for companies in the Automotive Selective Catalytic Reduction industry.

Key market trends defining the global Automotive Selective Catalytic Reduction demand in 2024 and Beyond

The industry continues to remain an attractive hub for opportunities for both domestic and global vendors. As the market evolves, factors such as emerging market dynamics, demand from end-user sectors, a growing patient base, changes in consumption patterns, and widening distribution channels continue to play a major role.

Automotive Selective Catalytic Reduction Market Segmentation- Industry Share, Market Size, and Outlook to 2030

The Automotive Selective Catalytic Reduction industry comprises a wide range of segments and sub-segments. The rising demand for these product types and applications is supporting companies to increase their investment levels across niche segments. Accordingly, leading companies plan to generate a large share of their future revenue growth from expansion into these niche segments. The report presents the market size outlook across segments to support Automotive Selective Catalytic Reduction companies scaling up production in these sub-segments with a focus on expanding into emerging countries.

Key strategies adopted by companies within the Automotive Selective Catalytic Reduction industry

Leading Automotive Selective Catalytic Reduction companies are boosting investments to capitalize on untapped potential and future possibilities across niche market segments and surging demand conditions in key regions. Further, companies are leveraging advanced technologies to unlock opportunities and achieve operational excellence. The report provides key strategies opted for by the top 10 Automotive Selective Catalytic Reduction companies.

Automotive Selective Catalytic Reduction Market Study- Strategic Analysis Review

The Automotive Selective Catalytic Reduction market research report dives deep into the qualitative factors shaping the market, empowering you to make informed decisions- Industry Dynamics: Porter's Five Forces analysis to understand bargaining power, competitive rivalry, and threats that impact long-term strategy formulation.

Strategic Insights: Provides valuable perspectives on key players and their approaches based on comprehensive strategy analysis.

Internal Strengths and Weaknesses: Develop targeted strategies to leverage strengths, address weaknesses, and capitalize on market opportunities.

Future Possibilities: Prepare for diverse outcomes with in-depth scenario analysis.

Explore potential market disruptions, technology advancements, and economic changes.

Automotive Selective Catalytic Reduction Market Size Outlook- Historic and Forecast Revenue in Three Cases

The Automotive Selective Catalytic Reduction industry report provides a detailed analysis and outlook of revenue generated by companies from 2018 to 2023. Further, with actual data for 2023, the report forecasts the market size outlook from 2024 to 2030 in three case scenarios- low case, reference case, and high case scenarios.

Automotive Selective Catalytic Reduction Country Analysis and Revenue Outlook to 2030

The report analyses 22 countries worldwide including the key driving forces and market size outlook from 2021 to 2030. In addition, region analysis across Asia Pacific, Europe, the Middle East, Africa, North America, and South America is included in the study. For each of the six regions, the market size outlook by segments is forecast for 2030.

North America Automotive Selective Catalytic Reduction Market Size Outlook- Companies plan for focused investments in a changing environment

The US continues to remain the market leader in North America, driven by a large consumer base, the presence of well-established providers, and a strong end-user industry demand. Leading companies focus on new product launches in the changing

environment. The US economy is expected to grow in 2024 (around 2.2% growth in 2024), potentially driving demand for various Automotive Selective Catalytic Reduction market segments. Similarly, Strong end-user demand is encouraging Canadian Automotive Selective Catalytic Reduction companies to invest in niche segments. Further, as Mexico continues to strengthen its trade relations and invest in technological advancements, the Mexico Automotive Selective Catalytic Reduction market is expected to experience significant expansion, offering lucrative opportunities for both domestic and international stakeholders.

Europe Automotive Selective Catalytic Reduction Market Size Outlook-Companies investing in assessing consumers, categories, competitors, and capabilities

The German industry remains the major market for companies in the European Automotive Selective Catalytic Reduction industry with consumers in Germany, France, the UK, Spain, Italy, and others anticipated to register a steady demand throughout the forecast period, driving the overall market prospects. In addition, the proactive approach of businesses in identifying and leveraging new growth prospects positions the European Automotive Selective Catalytic Reduction market for an upward trajectory, fostering both domestic and international interest. Leading brands operating in the industry are emphasizing effective marketing strategies, innovative product offerings, and a keen understanding of consumer preferences.

Asia Pacific Automotive Selective Catalytic Reduction Market Size Outlook- an attractive hub for opportunities for both local and global companies

The increasing prevalence of indications, robust healthcare expenditure, and increasing investments in healthcare infrastructure drive the demand for Automotive Selective Catalytic Reduction in Asia Pacific. In particular, China, India, and South East Asian Automotive Selective Catalytic Reduction markets present a compelling outlook for 2030, acting as a magnet for both domestic and multinational manufacturers seeking growth opportunities. Similarly, with a burgeoning population and a rising middle class, India offers a vast consumer market. Japanese and Korean companies are quickly aligning their strategies to navigate changes, explore new markets, and enhance their competitive edge. Our report utilizes in-depth interviews with industry experts and comprehensive data analysis to provide a comprehensive outlook of 6 major markets in the region.

Latin America Automotive Selective Catalytic Reduction Market Size Outlook- Continued urbanization and rising income levels

Rising income levels contribute to greater purchasing power among consumers, spurring consumption and creating opportunities for market expansion. Continued

urbanization and rising income levels are expected to sustainably drive consumption growth in the medium to long term.

Middle East and Africa Automotive Selective Catalytic Reduction Market Size Outlook-
continues its upward trajectory across segments

Robust demand from Middle Eastern countries including Saudi Arabia, the UAE, Qatar, Kuwait, and other GCC countries supports the overall Middle East Automotive Selective Catalytic Reduction market potential. Fueled by increasing consumption expenditure, growing population, and high demand across a few markets drives the demand for Automotive Selective Catalytic Reduction.

Automotive Selective Catalytic Reduction Market Company Profiles

The global Automotive Selective Catalytic Reduction market is characterized by intense competitive conditions with leading companies opting for aggressive marketing to gain market shares. The report presents business descriptions, SWOT analysis, growth strategies, and financial profiles. Leading companies included in the study are Faurecia SA, Friedrich Boysen GmbH & Co. KG, J. Eberspaecher GmbH, Kautex Textron GmbH & Co. KG., Plastic Omnium, Plastic Omnium SA, R?chling SE & Co. KG, Tenneco Inc.

Recent Automotive Selective Catalytic Reduction Market Developments

The global Automotive Selective Catalytic Reduction market study presents recent market news and developments including new product launches, mergers, acquisitions, expansions, product approvals, and other updates in the industry.

Automotive Selective Catalytic Reduction Market Report Scope

Parameters: Revenue, Volume Price

Study Period: 2023 (Base Year); 2018- 2023 (Historic Period); 2024- 2030 (Forecast Period)

Currency: USD; (Upon request, can be provided in Euro, JPY, GBP, and other Local Currency)

Qualitative Analysis

Pricing Analysis

Value Chain Analysis

SWOT Profile

Market Dynamics- Trends, Drivers, Challenges

Porter's Five Forces Analysis

Macroeconomic Impact Analysis

Case Scenarios- Low, Base, High

Market Segmentation:

Component

Urea Tank

Urea Pump

Engine Control Unit (ECU)

Injector

Vehicle

Passenger Vehicle

Commercial Vehicle

Fuel

Gasoline

Diesel

Geographical Segmentation:

North America (3 markets)

Europe (6 markets)

Asia Pacific (6 markets)

Latin America (3 markets)

Middle East Africa (5 markets)

Companies

Faurecia SA

Friedrich Boysen GmbH & Co. KG

J. Eberspaecher GmbH

Kautex Textron GmbH & Co. KG.

Plastic Omnium

Plastic Omnium SA

Röchling SE & Co. KG

Tenneco Inc.

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 - Medium & Short Range
 - Vehicle

Passenger Cars

Commercial Vehicles

Application

Adaptive Cruise Control (ACC)

Autonomous Emergency Braking (AEB)

Blind Spot Detection (BSD)

Forward Collision Warning (FCW)

Intelligent Park Assist

Others

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Autoliv Inc

Continental AG

Delphi Automotive PLC.

Denso Corp

HELLA KGaA

Infineon Technologies AG

NXP Semiconductors

Robert Bosch GmbH

Texas Instruments Inc

Valeo S.A.

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