

Global Automotive Instrument Cluster Market Size study & Forecast, by Technology (Analog, Digital, Hybrid), by Vehicle Type (Passenger Car, Commercial Vehicle) and Regional Analysis, 2023-2030

<https://marketpublishers.com/r/G06B648A9C6EEN.html>

Date: October 2023

Pages: 200

Price: US\$ 4,950.00 (Single User License)

ID: G06B648A9C6EEN

Abstracts

Global Automotive Instrument Cluster Market is valued at approximately USD 9497.41 million in 2022 and is anticipated to grow with a healthy growth rate of more than 3% over the forecast period 2023-2030. An automotive instrument cluster, also known as a dashboard or gauge cluster, is a collection of instruments and displays located on the vehicle's dashboard, directly in front of the driver. It provides essential information about the vehicle's status, performance, and various other parameters to the driver. The Automotive Instrument Cluster market is expanding because of factors such as a surge in demand for electric vehicles and the growing adoption of advanced driver assistance systems. The instrument cluster typically consists of analog or digital gauges, indicators, warning lights, and a central display screen. Its importance has progressively increased during the forecast period 2023-2030.

The instrument cluster provides real-time data on the battery's state of charge and remaining range, essential for EV drivers to plan their journeys and manage charging effectively. According to Statista, the global electric vehicle industry is projected to reach up to USD 1.4 trillion by 2027 at a significant compound annual growth rate of more than 19.19 % between the years 2022 and 2027. Furthermore, battery-electric car sales reached 7.3 million in 2022, up from 4.6 million in 2021. Another important factor that drives the Automotive Instrument Cluster market is the increasing adoption of the Advanced Driver Assistance System. ADAS features utilize the instrument cluster to display relevant information and alerts to the driver. The instrument cluster acts as a visual interface to convey real-time data and warnings generated by the ADAS. In addition, as per Statista, the advanced driving assistance systems sector generated

USD 27.29 billion worldwide in 2020. By 2028, the global ADAS industry is expected to expand to almost USD 58.59 billion. Moreover, the rising adoption of new and advanced display systems and rising technological advancements in the Automotive Instrument Cluster are anticipated to create lucrative growth opportunities for the market over the forecast period. However, high maintenance costs and risks of cyberattacks on digital services stifle market growth throughout the forecast period of 2023-2030.

The key regions considered for the Global Automotive Instrument Cluster Market study includes Asia Pacific, North America, Europe, Latin America, and Middle East & Africa. Asia Pacific dominated the market in 2022 owing to the increasing demand for passenger and commercial vehicles in the region. Furthermore, Asia Pacific is expected to grow significantly during the forecast period, owing to factors such as increasing adoption of advanced technologies and development in the automotive industry and the growing presence of key market players in the region.

Major market player included in this report are:

Continental AG (Germany)

Mentor Graphics Corporation (U.S)

Visteon Corporation (U.S)

Delphi Technologies LLC (U.S)

Qualcomm Incorporated (U.S)

Robert Bosch GmbH (Germany)

Denso Corporation (Japan)

Alpine Electronics, Inc. (Japan)

Japan Display Inc. (Japan)

Innolux Corporation (Taiwan)

Recent Developments in the Market:

Global Automotive Instrument Cluster Market Size study & Forecast, by Technology (Analog, Digital, Hybrid), by...

In January 2023, Visteon and Qualcomm Technologies collaborate for the development of a high-performance cockpit domain controller that allows global automakers to build next-generation cockpits. The SmartCore platform is also fully upgradeable over the air and has an integrated, white-labeled app store with curated apps to provide a highly personalised and regionalized experience for drivers worldwide. With new models using four or more cameras outdoors and up to two cameras within the cabin, SmartCore adds advanced vision processing capabilities to provide surround vision, driver monitoring, and remote surveillance via a smartphone app.

Global Automotive Instrument Cluster Market Report Scope:

Historical Data – 2020 - 2021

Base Year for Estimation – 2022

Forecast period - 2023-2030

Report Coverage - Revenue forecast, Company Ranking, Competitive Landscape, Growth factors, and Trends

Segments Covered - Technology, Vehicle Type, Region

Regional Scope - North America; Europe; Asia Pacific; Latin America; Middle East & Africa

Customization Scope - Free report customization (equivalent up to 8 analyst's working hours) with purchase. Addition or alteration to country, regional & segment scope*

The objective of the study is to define market sizes of different segments & countries in recent years and to forecast the values to the coming years. The report is designed to incorporate both qualitative and quantitative aspects of the industry within countries involved in the study.

The report also caters detailed information about the crucial aspects such as driving factors & challenges which will define the future growth of the market. Additionally, it

also incorporates potential opportunities in micro markets for stakeholders to invest along with the detailed analysis of competitive landscape and product offerings of key players. The detailed segments and sub-segment of the market are explained below:

By Technology

Analog

Digital

Hybrid

By Vehicle Type

Passenger car

Commercial vehicle

By Region:

North America

U.S.

Canada

Europe

UK

Germany

France

Spain

Italy

ROE

Asia Pacific

China

India

Japan

Australia

South Korea

RoAPAC

Latin America

Brazil

Mexico

Middle East & Africa

Saudi Arabia

South Africa

Rest of Middle East & Africa

Contents

CHAPTER 1. EXECUTIVE SUMMARY

- 1.1. Market Snapshot
- 1.2. Global & Segmental Market Estimates & Forecasts, 2020-2030 (USD Million)
 - 1.2.1. Automotive Instrument Cluster Market, by Region, 2020-2030 (USD Million)
 - 1.2.2. Automotive Instrument Cluster Market, by Technology, 2020-2030 (USD Million)
 - 1.2.3. Automotive Instrument Cluster Market, by Vehicle Type, 2020-2030 (USD Million)
- 1.3. Key Trends
- 1.4. Estimation Methodology
- 1.5. Research Assumption

CHAPTER 2. GLOBAL AUTOMOTIVE INSTRUMENT CLUSTER MARKET DEFINITION AND SCOPE

- 2.1. Objective of the Study
- 2.2. Market Definition & Scope
 - 2.2.1. Industry Evolution
 - 2.2.2. Scope of the Study
- 2.3. Years Considered for the Study
- 2.4. Currency Conversion Rates

CHAPTER 3. GLOBAL AUTOMOTIVE INSTRUMENT CLUSTER MARKET DYNAMICS

- 3.1. Automotive Instrument Cluster Market Impact Analysis (2020-2030)
 - 3.1.1. Market Drivers
 - 3.1.1.1. Surge in demand for electric vehicles
 - 3.1.1.2. Growing adoption of Advanced Driver Assistance System
 - 3.1.2. Market Challenges
 - 3.1.2.1. High maintenance cost of automotive instrument cluster
 - 3.1.2.2. Risks of cyberattacks on digital services
 - 3.1.3. Market Opportunities
 - 3.1.3.1. Rising adoption of new and advanced display systems
 - 3.1.3.2. Rising technological advancements in Automotive Instrument Cluster

CHAPTER 4. GLOBAL AUTOMOTIVE INSTRUMENT CLUSTER MARKET

Global Automotive Instrument Cluster Market Size study & Forecast, by Technology (Analog, Digital, Hybrid), by...

INDUSTRY ANALYSIS

- 4.1. Porter's 5 Force Model
 - 4.1.1. Bargaining Power of Suppliers
 - 4.1.2. Bargaining Power of Buyers
 - 4.1.3. Threat of New Entrants
 - 4.1.4. Threat of Substitutes
 - 4.1.5. Competitive Rivalry
- 4.2. Porter's 5 Force Impact Analysis
- 4.3. PEST Analysis
 - 4.3.1. Political
 - 4.3.2. Economical
 - 4.3.3. Social
 - 4.3.4. Technological
 - 4.3.5. Environmental
 - 4.3.6. Legal
- 4.4. Top investment opportunity
- 4.5. Top winning strategies
- 4.6. COVID-19 Impact Analysis
- 4.7. Disruptive Trends
- 4.8. Industry Expert Perspective
- 4.9. Analyst Recommendation & Conclusion

CHAPTER 5. GLOBAL AUTOMOTIVE INSTRUMENT CLUSTER MARKET, BY TECHNOLOGY

- 5.1. Market Snapshot
- 5.2. Global Automotive Instrument Cluster Market by Technology, Performance - Potential Analysis
- 5.3. Global Automotive Instrument Cluster Market Estimates & Forecasts by Technology 2020-2030 (USD Million)
- 5.4. Automotive Instrument Cluster Market, Sub Segment Analysis
 - 5.4.1. Analog
 - 5.4.2. Digital
 - 5.4.3. Hybrid

CHAPTER 6. GLOBAL AUTOMOTIVE INSTRUMENT CLUSTER MARKET, BY VEHICLE TYPE

- 6.1. Market Snapshot
- 6.2. Global Automotive Instrument Cluster Market by Vehicle Type, Performance - Potential Analysis
- 6.3. Global Automotive Instrument Cluster Market Estimates & Forecasts by Vehicle Type 2020-2030 (USD Million)
- 6.4. Automotive Instrument Cluster Market, Sub Segment Analysis
 - 6.4.1. Passenger car
 - 6.4.2. Commercial vehicle

CHAPTER 7. GLOBAL AUTOMOTIVE INSTRUMENT CLUSTER MARKET, REGIONAL ANALYSIS

- 7.1. Top Leading Countries
- 7.2. Top Emerging Countries
- 7.3. Automotive Instrument Cluster Market, Regional Market Snapshot
- 7.4. North America Automotive Instrument Cluster Market
 - 7.4.1. U.S. Automotive Instrument Cluster Market
 - 7.4.1.1. Technology breakdown estimates & forecasts, 2020-2030
 - 7.4.1.2. Vehicle Type breakdown estimates & forecasts, 2020-2030
 - 7.4.2. Canada Automotive Instrument Cluster Market
- 7.5. Europe Automotive Instrument Cluster Market Snapshot
 - 7.5.1. U.K. Automotive Instrument Cluster Market
 - 7.5.2. Germany Automotive Instrument Cluster Market
 - 7.5.3. France Automotive Instrument Cluster Market
 - 7.5.4. Spain Automotive Instrument Cluster Market
 - 7.5.5. Italy Automotive Instrument Cluster Market
 - 7.5.6. Rest of Europe Automotive Instrument Cluster Market
- 7.6. Asia-Pacific Automotive Instrument Cluster Market Snapshot
 - 7.6.1. China Automotive Instrument Cluster Market
 - 7.6.2. India Automotive Instrument Cluster Market
 - 7.6.3. Japan Automotive Instrument Cluster Market
 - 7.6.4. Australia Automotive Instrument Cluster Market
 - 7.6.5. South Korea Automotive Instrument Cluster Market
 - 7.6.6. Rest of Asia Pacific Automotive Instrument Cluster Market
- 7.7. Latin America Automotive Instrument Cluster Market Snapshot
 - 7.7.1. Brazil Automotive Instrument Cluster Market
 - 7.7.2. Mexico Automotive Instrument Cluster Market
- 7.8. Middle East & Africa Automotive Instrument Cluster Market
 - 7.8.1. Saudi Arabia Automotive Instrument Cluster Market

7.8.2. South Africa Automotive Instrument Cluster Market

7.8.3. Rest of Middle East & Africa Automotive Instrument Cluster Market

CHAPTER 8. COMPETITIVE INTELLIGENCE

8.1. Key Company SWOT Analysis

8.1.1. Company

8.1.2. Company

8.1.3. Company

8.2. Top Market Strategies

8.3. Company Profiles

8.3.1. Continental AG (Germany)

8.3.1.1. Key Information

8.3.1.2. Overview

8.3.1.3. Financial (Subject to Data Availability)

8.3.1.4. Product Summary

8.3.1.5. Recent Developments

8.3.2. Mentor Graphics Corporation (U.S)

8.3.3. Visteon Corporation (U.S)

8.3.4. Delphi Technologies LLC (U.S)

8.3.5. Qualcomm Incorporated (U.S)

8.3.6. Robert Bosch GmbH (Germany)

8.3.7. Denso Corporation (Japan)

8.3.8. Alpine Electronics, Inc. (Japan)

8.3.9. Japan Display Inc. (Japan)

8.3.10. Innolux Corporation (Taiwan)

CHAPTER 9. RESEARCH PROCESS

9.1. Research Process

9.1.1. Data Mining

9.1.2. Analysis

9.1.3. Market Estimation

9.1.4. Validation

9.1.5. Publishing

9.2. Research Attributes

9.3. Research Assumption

List of Tables

TABLE 1. Global Automotive Instrument Cluster Market, report scope

Global Automotive Instrument Cluster Market Size study & Forecast, by Technology (Analog, Digital, Hybrid), by...

TABLE 2. Global Automotive Instrument Cluster Market estimates & forecasts by Region 2020-2030 (USD Million)

TABLE 3. Global Automotive Instrument Cluster Market estimates & forecasts by Technology 2020-2030 (USD Million)

TABLE 4. Global Automotive Instrument Cluster Market estimates & forecasts by Vehicle Type 2020-2030 (USD Million)

TABLE 5. Global Automotive Instrument Cluster Market by segment, estimates & forecasts, 2020-2030 (USD Million)

TABLE 6. Global Automotive Instrument Cluster Market by region, estimates & forecasts, 2020-2030 (USD Million)

TABLE 7. Global Automotive Instrument Cluster Market by segment, estimates & forecasts, 2020-2030 (USD Million)

TABLE 8. Global Automotive Instrument Cluster Market by region, estimates & forecasts, 2020-2030 (USD Million)

TABLE 9. Global Automotive Instrument Cluster Market by segment, estimates & forecasts, 2020-2030 (USD Million)

TABLE 10. Global Automotive Instrument Cluster Market by region, estimates & forecasts, 2020-2030 (USD Million)

TABLE 11. Global Automotive Instrument Cluster Market by segment, estimates & forecasts, 2020-2030 (USD Million)

TABLE 12. Global Automotive Instrument Cluster Market by region, estimates & forecasts, 2020-2030 (USD Million)

TABLE 13. Global Automotive Instrument Cluster Market by segment, estimates & forecasts, 2020-2030 (USD Million)

TABLE 14. Global Automotive Instrument Cluster Market by region, estimates & forecasts, 2020-2030 (USD Million)

TABLE 15. U.S. Automotive Instrument Cluster Market estimates & forecasts, 2020-2030 (USD Million)

TABLE 16. U.S. Automotive Instrument Cluster Market estimates & forecasts by segment 2020-2030 (USD Million)

TABLE 17. U.S. Automotive Instrument Cluster Market estimates & forecasts by segment 2020-2030 (USD Million)

TABLE 18. Canada Automotive Instrument Cluster Market estimates & forecasts, 2020-2030 (USD Million)

TABLE 19. Canada Automotive Instrument Cluster Market estimates & forecasts by segment 2020-2030 (USD Million)

TABLE 20. Canada Automotive Instrument Cluster Market estimates & forecasts by segment 2020-2030 (USD Million)

TABLE 21. UK Automotive Instrument Cluster Market estimates & forecasts, 2020-2030

(USD Million)

TABLE 22. UK Automotive Instrument Cluster Market estimates & forecasts by segment 2020-2030 (USD Million)

TABLE 23. UK Automotive Instrument Cluster Market estimates & forecasts by segment 2020-2030 (USD Million)

TABLE 24. Germany Automotive Instrument Cluster Market estimates & forecasts, 2020-2030 (USD Million)

TABLE 25. Germany Automotive Instrument Cluster Market estimates & forecasts by segment 2020-2030 (USD Million)

TABLE 26. Germany Automotive Instrument Cluster Market estimates & forecasts by segment 2020-2030 (USD Million)

TABLE 27. France Automotive Instrument Cluster Market estimates & forecasts, 2020-2030 (USD Million)

TABLE 28. France Automotive Instrument Cluster Market estimates & forecasts by segment 2020-2030 (USD Million)

TABLE 29. France Automotive Instrument Cluster Market estimates & forecasts by segment 2020-2030 (USD Million)

TABLE 30. Italy Automotive Instrument Cluster Market estimates & forecasts, 2020-2030 (USD Million)

TABLE 31. Italy Automotive Instrument Cluster Market estimates & forecasts by segment 2020-2030 (USD Million)

TABLE 32. Italy Automotive Instrument Cluster Market estimates & forecasts by segment 2020-2030 (USD Million)

TABLE 33. Spain Automotive Instrument Cluster Market estimates & forecasts, 2020-2030 (USD Million)

TABLE 34. Spain Automotive Instrument Cluster Market estimates & forecasts by segment 2020-2030 (USD Million)

TABLE 35. Spain Automotive Instrument Cluster Market estimates & forecasts by segment 2020-2030 (USD Million)

TABLE 36. RoE Automotive Instrument Cluster Market estimates & forecasts, 2020-2030 (USD Million)

TABLE 37. RoE Automotive Instrument Cluster Market estimates & forecasts by segment 2020-2030 (USD Million)

TABLE 38. RoE Automotive Instrument Cluster Market estimates & forecasts by segment 2020-2030 (USD Million)

TABLE 39. China Automotive Instrument Cluster Market estimates & forecasts, 2020-2030 (USD Million)

TABLE 40. China Automotive Instrument Cluster Market estimates & forecasts by segment 2020-2030 (USD Million)

TABLE 41. China Automotive Instrument Cluster Market estimates & forecasts by segment 2020-2030 (USD Million)

TABLE 42. India Automotive Instrument Cluster Market estimates & forecasts, 2020-2030 (USD Million)

TABLE 43. India Automotive Instrument Cluster Market estimates & forecasts by segment 2020-2030 (USD Million)

TABLE 44. India Automotive Instrument Cluster Market estimates & forecasts by segment 2020-2030 (USD Million)

TABLE 45. Japan Automotive Instrument Cluster Market estimates & forecasts, 2020-2030 (USD Million)

TABLE 46. Japan Automotive Instrument Cluster Market estimates & forecasts by segment 2020-2030 (USD Million)

TABLE 47. Japan Automotive Instrument Cluster Market estimates & forecasts by segment 2020-2030 (USD Million)

TABLE 48. South Korea Automotive Instrument Cluster Market estimates & forecasts, 2020-2030 (USD Million)

TABLE 49. South Korea Automotive Instrument Cluster Market estimates & forecasts by segment 2020-2030 (USD Million)

TABLE 50. South Korea Automotive Instrument Cluster Market estimates & forecasts by segment 2020-2030 (USD Million)

TABLE 51. Australia Automotive Instrument Cluster Market estimates & forecasts, 2020-2030 (USD Million)

TABLE 52. Australia Automotive Instrument Cluster Market estimates & forecasts by segment 2020-2030 (USD Million)

TABLE 53. Australia Automotive Instrument Cluster Market estimates & forecasts by segment 2020-2030 (USD Million)

TABLE 54. RoAPAC Automotive Instrument Cluster Market estimates & forecasts, 2020-2030 (USD Million)

TABLE 55. RoAPAC Automotive Instrument Cluster Market estimates & forecasts by segment 2020-2030 (USD Million)

TABLE 56. RoAPAC Automotive Instrument Cluster Market estimates & forecasts by segment 2020-2030 (USD Million)

TABLE 57. Brazil Automotive Instrument Cluster Market estimates & forecasts, 2020-2030 (USD Million)

TABLE 58. Brazil Automotive Instrument Cluster Market estimates & forecasts by segment 2020-2030 (USD Million)

TABLE 59. Brazil Automotive Instrument Cluster Market estimates & forecasts by segment 2020-2030 (USD Million)

TABLE 60. Mexico Automotive Instrument Cluster Market estimates & forecasts,

2020-2030 (USD Million)

TABLE 61. Mexico Automotive Instrument Cluster Market estimates & forecasts by segment 2020-2030 (USD Million)

TABLE 62. Mexico Automotive Instrument Cluster Market estimates & forecasts by segment 2020-2030 (USD Million)

TABLE 63. RoLA Automotive Instrument Cluster Market estimates & forecasts, 2020-2030 (USD Million)

TABLE 64. RoLA Automotive Instrument Cluster Market estimates & forecasts by segment 2020-2030 (USD Million)

TABLE 65. RoLA Automotive Instrument Cluster Market estimates & forecasts by segment 2020-2030 (USD Million)

TABLE 66. Saudi Arabia Automotive Instrument Cluster Market estimates & forecasts, 2020-2030 (USD Million)

TABLE 67. South Africa Automotive Instrument Cluster Market estimates & forecasts by segment 2020-2030 (USD Million)

TABLE 68. RoMEA Automotive Instrument Cluster Market estimates & forecasts by segment 2020-2030 (USD Million)

TABLE 69. List of secondary sources, used in the study of global Automotive Instrument Cluster Market

TABLE 70. List of primary sources, used in the study of global Automotive Instrument Cluster Market

TABLE 71. Years considered for the study

TABLE 72. Exchange rates considered

List of tables and figures and dummy in nature, final lists may vary in the final deliverable

List of figures

FIG 1. Global Automotive Instrument Cluster Market, research methodology

FIG 2. Global Automotive Instrument Cluster Market, Market estimation techniques

FIG 3. Global Market size estimates & forecast methods

FIG 4. Global Automotive Instrument Cluster Market, key trends 2022

FIG 5. Global Automotive Instrument Cluster Market, growth prospects 2023-2030

FIG 6. Global Automotive Instrument Cluster Market, porters 5 force model

FIG 7. Global Automotive Instrument Cluster Market, pest analysis

FIG 8. Global Automotive Instrument Cluster Market, value chain analysis

FIG 9. Global Automotive Instrument Cluster Market by segment, 2020 & 2030 (USD Million)

FIG 10. Global Automotive Instrument Cluster Market by segment, 2020 & 2030 (USD Million)

FIG 11. Global Automotive Instrument Cluster Market by segment, 2020 & 2030 (USD

Million)

FIG 12. Global Automotive Instrument Cluster Market by segment, 2020 & 2030 (USD Million)

FIG 13. Global Automotive Instrument Cluster Market by segment, 2020 & 2030 (USD Million)

FIG 14. Global Automotive Instrument Cluster Market, regional snapshot 2020 & 2030

FIG 15. North America Automotive Instrument Cluster Market 2020 & 2030 (USD Million)

FIG 16. Europe Automotive Instrument Cluster Market 2020 & 2030 (USD Million)

FIG 17. Asia pacific Automotive Instrument Cluster Market 2020 & 2030 (USD Million)

FIG 18. Latin America Automotive Instrument Cluster Market 2020 & 2030 (USD Million)

FIG 19. Middle East & Africa Automotive Instrument Cluster Market 2020 & 2030 (USD Million)

List of tables and figures and dummy in nature, final lists may vary in the final deliverable

I would like to order

Product name: Global Automotive Instrument Cluster Market Size study & Forecast, by Technology (Analog, Digital, Hybrid), by Vehicle Type (Passenger Car, Commercial Vehicle) and Regional Analysis, 2023-2030

Product link: <https://marketpublishers.com/r/G06B648A9C6EEN.html>

Price: US\$ 4,950.00 (Single User License / Electronic Delivery)

If you want to order Corporate License or Hard Copy, please, contact our Customer Service:

info@marketpublishers.com

Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <https://marketpublishers.com/r/G06B648A9C6EEN.html>

To pay by Wire Transfer, please, fill in your contact details in the form below:

First name:

Last name:

Email:

Company:

Address:

City:

Zip code:

Country:

Tel:

Fax:

Your message:

****All fields are required**

Customer signature _____

Please, note that by ordering from marketpublishers.com you are agreeing to our Terms & Conditions at <https://marketpublishers.com/docs/terms.html>

To place an order via fax simply print this form, fill in the information below

and fax the completed form to +44 20 7900 3970