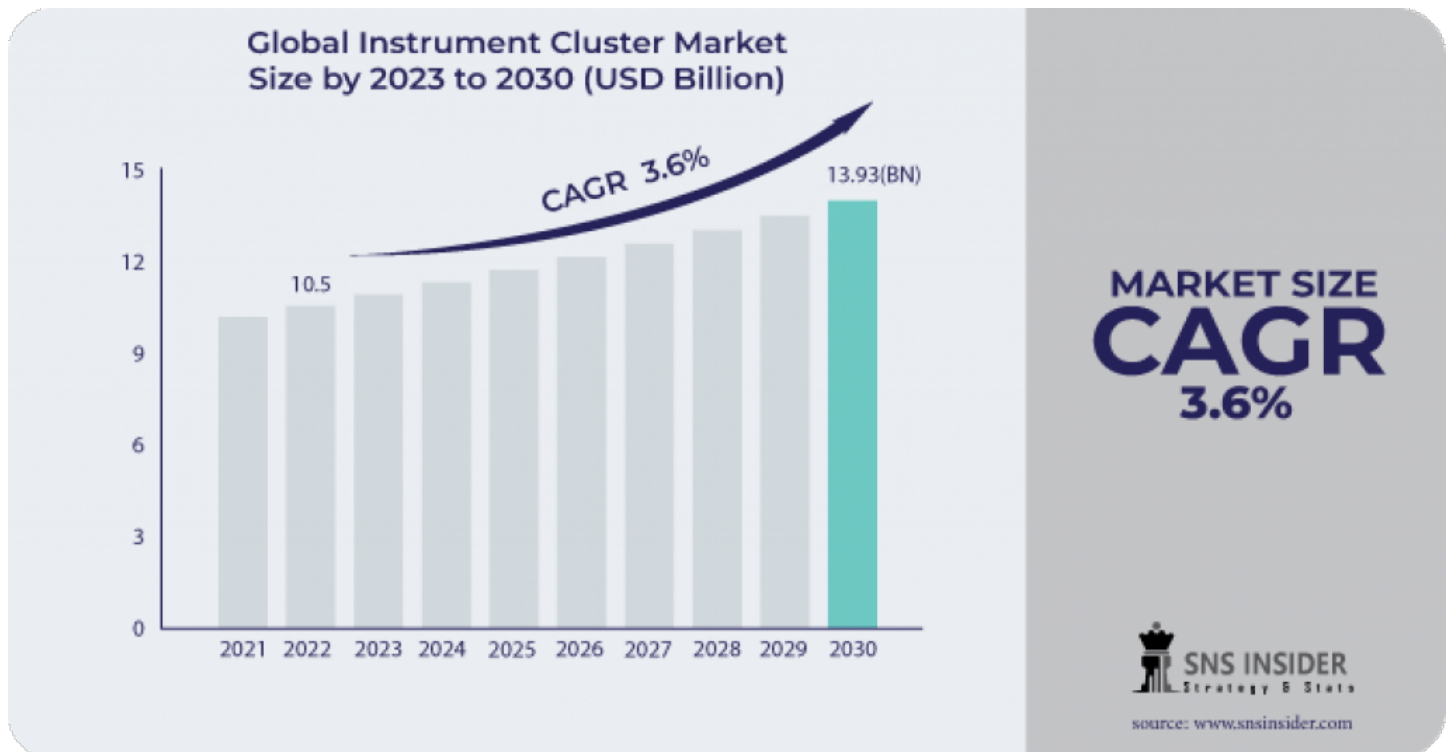


# Instrument Cluster Market to Surpass USD 13.93 Billion by 2030

The instrument cluster market's robust growth is underpinned by a confluence of factors, including technological advancements, the surge in electric vehicles and autonomous driving, emphasis on safety and convenience and industry collaborations.



## Austin, Texas Oct 25, 2023 ([Issuewire.com](https://www.issuewire.com)) - Instrument Cluster Market Scope & Overview

The [Instrument Cluster Market](#) had a valuation of USD 10.5 billion in 2022, and it is projected to reach USD 13.93 billion by 2030, experiencing a compound annual growth rate (CAGR) of 3.6% throughout the forecast period from 2023 to 2030, as per the SNS Insider report.

Instrument clusters play a pivotal role in enhancing the driving experience and ensuring safety on the roads. An instrument cluster, also known as a dashboard, is a comprehensive display panel located behind the steering wheel of a vehicle. It provides vital information to the driver, ranging from speed and fuel level to engine temperature and warning indicators. Instrument clusters now integrate with smartphones and other smart devices. This connectivity enables features like hands-free calling, music streaming, and voice-controlled navigation, providing a seamless driving experience.

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### Key Players Covered in the Instrument Cluster market report are:

Continental (Germany), DENSO (Japan), Visteon (US), Nippon Seiki (Japan), Magnet Marelli (Italy), Aptiv (UK), Calsonic Kansei (Japan), Pricol (India), Robert Bosch (Germany), and

## Yazaki (Japan).

### Market Analysis

The global shift towards sustainable transportation solutions, exemplified by the rise of electric vehicles, has created a substantial demand for advanced instrument clusters. EV manufacturers are focusing on creating visually appealing and informative clusters to complement the futuristic aura of electric cars. Additionally, the development and adoption of autonomous vehicles have fueled the need for sophisticated instrument clusters, capable of displaying complex data related to autonomous driving modes and vehicle diagnostics. Instrument clusters are no longer limited to displaying just speed and fuel levels. Modern clusters are designed to enhance user safety and convenience. Features such as real-time navigation, lane departure warnings, collision alerts, and tire pressure monitoring systems are seamlessly integrated into instrument clusters. This focus on enhancing safety and convenience has driven instrument cluster market growth, as consumers increasingly prioritize these features in their vehicles. Collaborations between automotive manufacturers and technology providers have become a prevalent trend in the market. These partnerships facilitate the seamless integration of advanced technologies into vehicles, enabling the development of state-of-the-art instrument clusters.

### Instrument Cluster Market Segmentation as Follows:

#### By Vehicle Type

- Passenger Car
- Commercial
- Two-wheeler
- Agriculture
- Off highway

#### By Technology

- Analog
- Hybrid
- Digital

#### By Application

- Speedometer
- Odometer
- Tachometer
- Others (Temperature Gauge, Fuel Gauge, Oil Pressure Gauge)

#### Segmented by Region/Country:

- North America
- Europe
- China
- Japan
- Asia Other

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### Impact of Recession

The ongoing recession reshapes the instrument cluster market dynamics, compelling manufacturers to adapt swiftly to changing consumer demands and economic challenges. Through innovation, cost optimization, digitalization, and strategic collaborations, the industry not only survives but thrives amidst economic uncertainties. As the automotive sector navigates this recession, the market stands as a testament to the industry's resilience and ability to evolve, ensuring a promising future despite challenging economic conditions.

### **Impact of Russia-Ukraine War**

The Russia-Ukraine war has significantly impacted the instrument cluster market, reshaping supply chains, market dynamics, technological innovations, pricing strategies, and regulatory landscapes. While challenges persist, proactive adaptation to these changes presents opportunities for growth and market expansion. Instrument cluster manufacturers must remain agile, embrace innovation, and forge strategic partnerships to navigate the uncertainties and emerge stronger in the face of geopolitical challenges.

### **Key Regional Development**

North America stands at the forefront of instrument cluster innovation, primarily due to the presence of major automobile manufacturers and a tech-savvy consumer base. The region's focus on user experience, safety, and integration of advanced technologies, such as augmented reality and heads-up displays, is driving market growth. In Europe, the instrument cluster market is witnessing a paradigm shift toward sustainability and environmental consciousness. Automakers are increasingly investing in eco-friendly solutions, including digital clusters with energy-efficient displays and recyclable materials. The Asia-Pacific region, led by countries like China, Japan, and South Korea, is experiencing rapid urbanization and a growing middle-class population. This demographic shift has led to an upswing in vehicle ownership, boosting the demand for instrument clusters.

### **Key Takeaway from Instrument Cluster Market Study**

- Among its diverse components, the temperature gauge segment stands out as a significant contender, set to dominate the market. As vehicles become more advanced and sophisticated, consumers are increasingly demanding precise and real-time data about their vehicles. This demand has propelled the temperature gauge segment into the spotlight, making it a key driver for innovation within the automotive industry.
- The speedometer segment is positioned as a transformative force, reshaping the market. The speedometer segment, driven by advancements in digital technology and user experience, is poised to revolutionize how drivers interact with their vehicles, thereby creating a significant impact on the automotive industry.

### **Recent Developments Related to Instrument Cluster Market**

- Hero MotoCorp has once again pushed the boundaries of innovation with the launch of their latest offering, the Hero Glamour 125. One of the most striking features of the Hero Glamour 125 is its state-of-the-art digital instrument cluster. As riders embark on their journeys, they are greeted by a vibrant, high-resolution display that provides essential information at a glance.
- In an exciting collaboration, BlackBerry and BiTECH have joined forces to create a cutting-edge digital LCD instrument cluster for Changan's latest vehicle model. Bringing together BlackBerry's expertise in

secure software solutions and BiTECH's innovative hardware design, the result is a state-of-the-art digital instrument cluster that ensures both safety and reliability on the road.

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## Media Contact

SNS Insider Pvt Ltd

info@snsinsider.com

+1-415-230-0044

Office No.305-B, Arissa Avenue, Fountain Road, Kharadi, Pune, Maharashtra 411014

Source : SNS Insider

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