

## **Anesthesia Monitoring Devices - Market Share Analysis, Industry Trends & Statistics, Growth Forecasts (2025 - 2030)**

Market Report | 2025-04-28 | 128 pages | Mordor Intelligence

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### **Report description:**

The Anesthesia Monitoring Devices Market size is estimated at USD 2.90 billion in 2025, and is expected to reach USD 4.68 billion by 2030, at a CAGR of 10.02% during the forecast period (2025-2030).

The COVID-19 outbreak impacted the healthcare sector, as hospital and healthcare services were significantly reduced in the first phase of the pandemic due to social distancing measures taken by the government. Moreover, the COVID-19 pandemic affected the economy and adversely impacted the functioning of general hospital care for non-COVID-19 patients in hospitals. For instance, an article published in the Journal of Anaesthesia in September 2021, one-third of the anesthesia staff were unavailable, 42% of operating theaters were closed, and national surgical activity was reduced to less than half, including reduced cancer and emergency surgery due to the restriction imposed during the pandemic. However, in the second phase of the pandemic, there was an increased demand for anesthesia monitoring devices due to the need for critical care equipment for patients infected with COVID-19 infection, along with patients who needed surgeries that got delayed due to the restriction. For instance, according to a press release by the Economic Times, in July 2022, private hospitals and clinics across the board saw a 20%-30% increase in elective procedures compared with pre-pandemic levels, patients who had postponed or refused surgery due to concerns about COVID infections in the last two years were lining up to have those procedures done. Hence, the COVID-19 pandemic had significantly impacted the market growth during the initial phases but as the started to recover due to the resumption in the surgeries.

Certain factors driving the market growth include development in anesthesia technology and automated record-keeping systems, and an increase in the demand for pain-free surgeries. For instance, according to an article published by Acta Anaesthesiologica Scandinavica in November 2021, opioid-free anesthesia can improve postoperative outcomes in several surgical settings without evidence of adverse effects on patient safety and pain management. Such an advantage is expected to increase the demand for

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pain-free surgeries, driving market growth over the forecast period.

Additionally, the increasing initiatives, product launches, and strategies by market players are also expected to contribute to the market growth. For instance, in November 2021, MDoloris Medical Systems secured regulatory clearance for its HFVI MOC-9 high-frequency variability index monitor in Japan. The HFVI MOC-9 technology is the first monitoring solution for patients undergoing analgesia and anesthesia.

Hence, due to the abovementioned factors, the anesthesia monitoring device market is anticipated to grow over the forecast period. However, the availability of conventional techniques and the high cost of anesthesia monitoring devices will likely restrain the market growth.

#### Anesthesia Monitoring Devices Market Trends

##### MRI Compatible Anesthesia Monitor is Expected to Witness Steady Growth Over the Forecast Period

Anesthesia in magnetic resonance imaging (MRI), or when performing surgery that requires MRI guidance is becoming a more frequent and complex procedure for anesthetists as the study modality is increasing in the application. An increase in the demand for MRI due to the rise in chronic diseases such as cancer is expected to drive segmental growth. For instance, according to an article published by RadioGraphics, in February 2021, demand for MRI increased, driven by patients', providers', and radiologists' evolving understanding of clinical uses for the modality. Furthermore, according to the Pan American Health Organization update in 2023, there were an estimated 20 million new cancer cases globally and the cancer burden is likely to increase by approximately 60% over the next two decades. It also stated that the predicted global burden is likely to increase to about 30 million new cancer cases by 2040, with the greatest increases occurring in low- and middle-income countries. Therefore, with a rise in cancer cases, the demand for MRI is projected to increase thereby contributing to the market growth.

Additionally, the increasing initiatives, such as product launches and strategies by market players are expected to contribute to the market growth. For instance, in April 2022, SCHILLER launched the MRI-compatible patient monitor MAGLIFE RT-1 which allows for close monitoring during the examination and can be fully controlled from outside the Faraday cage via the MAGSCREEN RT-1. The system is designed for all patients, including adults, children, and neonates.

Hence, the abovementioned factors are expected to drive segment growth over the forecast period.

##### North America is Expected to Show a Significant Growth in Market Share During the Forecast Period

North America is anticipated to observe a continual increase in diseases, like obesity, cardiovascular problems, and various types of cancers, contributing to the rise in surgeries. The increase in the number of surgeries for chronic diseases has helped expand the anesthesia monitoring devices market. For instance, the data updated by Cedars-Sinai in January 2022 shows that coronary artery bypass graft surgery (CABG), also known as bypass surgery, is the most common heart surgery, and more than 300,000 people have successful bypass surgery in the United States each year. In addition, per the data updated by the Centers for Disease Control and Prevention (CDC) in October 2022, every 40 seconds, someone suffers from a heart attack, and nearly 805,000 people in the United States have a heart attack every year. Thus, with an increase in surgeries due to chronic diseases, the demand for anesthesia monitoring devices is likely to increase thereby driving market growth.

Moreover, frequent approvals and launches in North America are also expected to drive market growth. For instance, in February 2022, Masimo received FDA clearance for SedLine's advanced depth of anesthesia monitoring for use on patients as young as 1 year old in the United States.

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Hence, the region is anticipated to witness growth during the forecast period due to the abovementioned factors.

## Anesthesia Monitoring Devices Industry Overview

The anesthesia monitoring devices market is moderately concentrated in nature due to the presence of companies operating globally and regionally. The competitive landscape includes an analysis of a few international and local companies that hold market shares and are well known, including Drägerwerk AG & Co. KGaA, Masimo, Mindray Medical International Limited, Medtronic Plc., and GE Healthcare, among others.

### Additional Benefits:

- The market estimate (ME) sheet in Excel format
- 3 months of analyst support

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