

# Anesthesia Monitoring Devices Market to Soar to USD 6.83 Billion by 2035, Driven by Rising Surgical Volumes

*Anesthesia Monitoring Devices Market poised for robust growth driven by rising surgical procedures, technological advancements, and patient safety demands.*

ROCKVILLE, MD , MD, UNITED STATES, June 25, 2025 /EINPresswire.com/ -- The global [anesthesia monitoring devices market](#) is expected to reach USD 6,830 million by 2035, up from USD 2,560 million in 2024. During the forecast period from 2025 to 2035, the industry is projected to expand at a CAGR of 9.3%.



Anesthesia Monitoring Devices Market Outlook (2025 to 2035) [Fact.MR]

Anesthesia monitoring devices market is gaining strong traction due to rising surgical volumes, aging demographics, and stringent patient safety regulations. Integration of real-time data, AI-powered analytics, and wireless capabilities is boosting adoption across hospitals and surgical centers. These devices are now essential for enhancing perioperative care, improving clinical outcomes, and ensuring compliance with global healthcare standards.

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Key Takeaways from Market Study:

The anesthesia monitoring devices market is projected to grow from USD 2.56 billion in 2024 to USD 6.83 billion by 2035.

The market is expected to expand at a CAGR of 9.3% during the forecast period from 2025 to 2035

Historical growth from 2020 to 2024 was at a CAGR of 8.8%.

North America holds the largest market share in 2024.

Asia Pacific is anticipated to be the fastest-growing region through 2035.

Hospitals remain the leading end-user segment in 2024.

Technological advancements such as AI, wireless systems, and integrated workstations are driving adoption.

Standalone monitors dominate the product category in emerging markets.

The United States market is anticipated to grow at a CAGR of 8.1% by 2035.

#### Leading Players Driving Innovation in the Anesthesia Monitoring Devices Market:

Prominent players in the market are Mindray Medical International Limited, Drägerwerk AG & Co. KGaA, Masimo Corporation, GE Healthcare, Koninklijke Philips N.V., Schiller AG, among others.

#### Growth Drivers:

Surging surgical volumes, particularly among aging populations and patients with chronic illnesses, are intensifying the need for advanced perioperative monitoring.

Stricter patient safety regulations and quality mandates are encouraging the adoption of sophisticated monitoring systems.

Technological advancements—such as AI-based analytics, wireless connectivity, integration with electronic health records (EHR), and portable devices—are enhancing the usability and efficiency of anesthesia monitoring.

#### Regional Outlook:

North America remains the leading regional market, driven by its robust healthcare infrastructure and strong regulatory frameworks.

Europe continues to maintain a significant share, supported by technological innovation and the demand for safe surgical environments.

Asia-Pacific is emerging as the fastest-growing region, with increased healthcare spending, rising procedure volumes, and expanding access in countries such as China, India, and Southeast Asia.

Latin America and the Middle East & Africa are experiencing steady market growth due to infrastructure development and rising surgical rates.

#### Anesthesia Monitoring Devices Market News:

In June 2024, Medasense made a strategic partnership with Nihon Kohden Corporation to

advance the precision pain monitoring. Through combining Medasense's nociception technology with monitors from Nihon Kohden, the collaboration improves the monitoring of anesthesia, allowing for tailored pain management during surgery and improved patient safety across healthcare centers.

Schiller India unveiled the A-MAC series, an innovative new range of anesthesia workstations that combine precise gas delivery with sophisticated patient monitoring, in January 2024. Designed to meet the requirements of Indian surgery, the A-MAC series increases safety, efficiency, and clinical success, representing a dramatic advancement in anesthesia technology and perioperative care.

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More Valuable Insights on Offer:

Fact.MR, in its new offering, presents an unbiased analysis of the global anesthesia monitoring devices market, presenting historical data for 2020 to 2024 and forecast statistics for 2025 to 2035.

The anesthesia monitoring devices market is segmented by product type into basic monitors, advanced monitors, integrated workstations, and others. By technology, it includes EEG-based, MRI-compatible, gas monitoring, standalone vs. integrated, and wireless devices. Applications span cardiac, neuro, orthopedic, dental surgeries, and more. Key end users are hospitals, clinics, and ambulatory surgical centers. Regionally, the market is analyzed across North America, Latin America, Western and Eastern Europe, East Asia, South Asia & Pacific, and the Middle East & Africa.

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The global [anesthesia machine market size](#) is expected to reach a valuation of US\$ 14.1 billion in 2024. Projected to increase at a CAGR of 6%, worldwide sales of anesthesia machines are calculated to reach US\$ 25.2 billion by 2034-end.

The global [operating room equipment market](#) is appraised at US\$ 37.3 billion and is projected to reach a valuation of US\$ 59.5 billion by the end of 2032. Sales of operating room equipment are expected to increase at a CAGR of 4.7% between 2022 and 2032.

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