

Medical Device Contract Manufacturing Market Size, Share & Trends Analysis Report By Product (Class I, Class II, Class III), By Services, By Therapeutic Area, By End-use, By Region, And Segment Forecasts, 2025 - 2030

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Abstracts

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Medical Device Contract Manufacturing Market Growth & Trends

The global medical device contract manufacturing market size is anticipated to reach USD 151.98 billion by 2030 and is projected to grow at a CAGR of 12.36% from 2025 to 2030, according to a new report by Grand View Research, Inc. Market growth can be attributed to the benefits offered to medical device companies, such as cost savings, scalability, growing adoption of technology, rising focus on quality assurance, and the ability to focus on core competencies.

Outsourcing manufacturing processes to contract manufacturers supports medical device companies to focus on their core competencies, such as R&D, product design, and marketing. Besides, the growing adoption of robotics and AI-driven automation, which support enhanced precision, scalability, and efficiency, is expected to drive market growth. In addition, medical devices focus on innovation from design to deployment; prototype technologies such as computer-aided design (CAD) software, 3D printing, and software allow for rapid testing and iteration. Likewise, the automation testing process ensures quality checks that are frequent and consistent.

Contract manufacturing continues to refine its operations to serve the evolving needs of device OEMs better. A contract manufacturer often supports highly skilled and

knowledgeable experience about the latest medical device technologies, processes, and innovations. These OEMs benefit from the contract manufacturer's existing expertise. This supports companies stay competitive and updated on state-of-the-art production techniques without significant investment.

The rising demand for portable, complex medical devices to address unmet medical needs has boosted the market. Besides, the requirement for single-use and disposable devices is increasing, leading to increased attraction in diagnostics and infection control. Technologies like wearable and IoT-enabled devices can drastically drive the market growth in electronics and micro-manufacturing.

The regulation is one of the significant factors for medical device companies that have fueled the demand for medical device contract manufacturing. The FDA plays a pivotal role in ensuring the safety and efficiency of medical devices in the market. Besides, Medical device contract manufacturers must comply with the QSR, 21 CFR Part 820, which outlines the current Good Manufacturing Practices (cGMP) for medical devices.

Strategic partnerships and co-development models between OEMs and contract manufacturers are streamlining supply chains and accelerating product launches. In addition, the growing focus on patient-specific and personalized devices is boosting demand for customized medical devices. For instance, in June 2024, Donatelle Plastics Incorporated, a medical device contract manufacturer in designing, developing, and manufacturing medical components and devices, was acquired by DuPont. The acquisition will bring advanced technologies & capabilities, including medical device injection molding, liquid silicone rubber processing, precision machining, device assembly, & tool building.

Medical Device Contract Manufacturing Market Report Highlights

The Class II segment led the market with the largest revenue share of 81.25% in 2024. Growth in the segment can be attributed to the increasing prevalence of chronic diseases, growing FDA approval for the market through the PMA or 510(k), and the launch of various medical devices that integrate digital health platforms to treat various diseases.

Based on services, the accessories manufacturing segment held the largest market share in 2024, attributed to the increasing requirements for various complementary components that enhance

functionality, usability, and patient outcomes. In addition, these access manufacturing support optimize the performance of medical devices.

Based on the therapeutic area, the cardiovascular devices segment dominated the market with the largest revenue share of 27.17% in 2024, attributing to the growing incidence of cardiovascular diseases and the growing early diagnosis & treatment of these disorders. Moreover, to meet the increasing demand for devices, market players have leverage on contract manufacturers' production, warehousing, and distribution capabilities, which ultimately help market players save costs and sustain rising competition.

Based on end use, the original equipment manufacturers segment led the market with the largest revenue share of % in 2024. This segment is driven by increasing support for OEMs to manage device production from prototyping & regulatory compliance to final assembly and delivery, ensuring high-quality, safe, and reliable products.

Asia Pacific market is expected to register at the fastest CAGR of 12.75% over the forecast period. Due to the rising number of medical device companies & contract manufacturing organizations in countries like Japan, China, and India, Asia Pacific will likely witness rapid growth over the estimated time. Furthermore, the availability of a skilled workforce within the region at a lower cost compared to the U.S. is another factor that is anticipated to propel the market growth.

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