

Blood Collection, Processing, Management Devices Market Insights Highlight Segment Expansion And Market Leadership

The Business Research Company's Blood Collection, Processing, Management Devices Market Report 2026 – Market Size, Trends, And Global Forecast 2026-2035

LONDON, GREATER LONDON, UNITED KINGDOM, July 29, 2026

/EINPresswire.com/ -- "The market for

blood collection, processing, and management devices has been experiencing robust growth as healthcare systems worldwide emphasize improved diagnostic and transfusion practices. Technological advancements, increasing blood donation programs, and heightened safety protocols are fueling demand for these specialized tools and equipment. Let's explore the current market size, driving forces, regional dynamics, and key trends shaping this sector.



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Current Market Size and Future Expansion of the [Blood Collection, Processing, Management Devices Market](#)

The market for blood collection, processing, and management devices has witnessed significant growth in recent years. It is expected to increase from \$4.06 billion in 2025 to \$4.37 billion in 2026, representing a compound annual growth rate (CAGR) of 7.7%. This growth during the past period has been driven by a rise in diagnostic testing volumes, the expansion of blood donation and transfusion programs, better standardization of blood collection procedures, early adoption of centrifuges and separation units, and an enhanced focus on safe sample handling processes.

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Looking ahead, the market is set to maintain strong momentum, reaching \$5.7 billion by 2030 with a projected CAGR of 6.8%. Factors contributing to this anticipated growth include increasing demand for automated blood processing workflows, broader implementation of digital blood management software, growth in therapeutic and research applications, greater investments in

traceability and inventory control solutions, and increased integration of advanced consumables and closed blood handling systems. Emerging trends likely to influence the market include the widespread adoption of digital tracking systems, automated processing devices, closed-system collection solutions, improved storage and quality control technologies, along with a continued focus on patient safety, regulatory compliance, and sample integrity.

Understanding Blood Collection, Processing, and Management Devices

These devices encompass a comprehensive array of tools and technologies used within the healthcare sector to efficiently and safely collect, process, and manage blood samples. Their role is crucial in ensuring accurate blood sample collection, secure handling, and appropriate storage, thereby preserving sample quality for diagnostic tests, transfusions, and research. The category also includes sophisticated software systems that monitor blood samples throughout the entire workflow, ensuring compliance with regulatory standards and enhancing patient care outcomes.

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Growing Awareness and Demand as a Key Growth Driver for the Market

One of the primary factors propelling the blood collection, processing, and management devices market is the increasing awareness and demand for blood donations. This awareness stems from multiple interconnected reasons, such as advancements in medical treatments, a rise in accidents and emergencies, and the growing need for blood transfusions driven by complex procedures and chronic disease management, especially in aging populations.

The importance of these devices in supporting blood donation programs cannot be overstated. They help streamline the entire donation process, guaranteeing safety, efficiency, and reliability from donor recruitment all the way to the delivery of blood products. For example, in June 2025, the Pan American Health Organization (PAHO/WHO) reported that Latin America and the Caribbean collected 9,212,861 units of blood in 2023, a notable increase from the previous figure of 7,776,198 units. This surge highlights how rising awareness and demand for blood donations will continue to drive growth in this market.

Regional Market Leaders and Trends in Blood Collection, Processing, and Management Devices

In 2025, North America held the largest share of the global blood collection, processing, and management devices market. The market study covers key regions including Asia-Pacific, South East Asia, Western Europe, Eastern Europe, North America, South America, the Middle East, and Africa, providing a comprehensive view of regional developments and growth potential within the industry.

Our 2026 reports feature deeper market intelligence with market attractiveness scoring and analysis, total addressable market (TAM) analysis, company scoring matrix graphics and tables, Excel-based forecasting dashboards, market hotspots infographics, key technologies and future trend analysis, and updated graphics and tables.

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