

# **Blood Processing Devices And Consumables Market Outlook 2025-2034: Market Share, and Growth Analysis By Product Type (Devices, Consumables), By Devices (Blood Bank Freezers, Blood Grouping Analyzers, Blood Warmer, Blood Cell Processers, Other Devices), By Consumables, By End User**

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## **Abstracts**

The Blood Processing Devices And Consumables Market is valued at USD 45.7 billion in 2025 and is projected to grow at a CAGR of 7.7% to reach USD 89.2 billion by 2034. Blood processing devices and consumables are integral to the healthcare system, supporting critical procedures like blood component separation, pathogen reduction, and storage. These tools ensure the safety, purity, and availability of blood and blood components for transfusions, surgeries, and treatments of various diseases. The market has experienced consistent growth due to increasing blood donation rates, a rising global demand for blood components, and advancements in blood processing technologies. Additionally, government initiatives and investments in healthcare infrastructure have further propelled market development. Recent innovations in automated blood processing systems have improved efficiency and reduced human error, driving adoption in hospitals, blood banks, and diagnostic centers. Emerging economies are witnessing a growing focus on upgrading their blood processing infrastructure, presenting significant opportunities for market expansion. The trend towards safer and more efficient processing techniques, including pathogen reduction systems and advanced filtration methods, has enhanced the overall quality of blood products and bolstered market growth. However, the market faces challenges such as the high costs associated with advanced devices and consumables, regulatory hurdles, and the complexity of maintaining a consistent supply chain for consumables. Nevertheless, ongoing R&D efforts, coupled with rising awareness of blood safety and

the need for reliable blood supplies, continue to drive innovation and ensure steady market growth. As healthcare systems worldwide prioritize the quality and availability of blood products, the blood processing devices and consumables market is poised for sustained progress.

### Key Insights Blood Processing Devices And Consumables Market

Increasing adoption of automated blood processing systems for higher efficiency.

Growing use of pathogen reduction technologies to enhance blood safety.

Development of disposable consumables to minimize contamination risks.

Advancements in filtration and apheresis techniques for more precise blood component separation.

Expansion of blood processing capabilities in emerging markets with improving healthcare infrastructure.

Rising global demand for blood components and blood-derived products.

Increasing blood donation rates and government initiatives to boost blood collection.

Advancements in technology enhancing the safety, purity, and efficiency of blood processing.

Growing awareness of the importance of high-quality blood products for patient care.

High costs associated with advanced blood processing devices and consumables.

Strict regulatory requirements and complex approval processes for new products.

Supply chain challenges in ensuring the availability and reliability of consumables.

## Blood Processing Devices And Consumables Market Segmentation

### By Product Type

Devices

Consumables

### By Devices

Blood Bank Freezers

Blood Grouping Analyzers

Blood Warmer

Blood Cell Processers

Other Devices

### By Consumables

Blood Bags

Blood Lancets

Vials

Blood Administration Sets

Other Consumables

### By End User

Hospitals

Diagnostic Centers

Clinics

Academic Institutes

Blood Banks

### Key Companies Analysed

Thermogenesis Holdings Inc.

Maco Pharma International GmbH

Immucor Inc.

Bio-Rad Laboratories Inc.

Grifols S.A.

Abbott Laboratories

Terumo BCT Inc.

Beckman Coulter Inc.

Becton Dickinson and Company

Biomerieux SA

Danaher Corporation

Global Scientific Company

Haemonetics Corporation

Sigma Laborzentrifugen GmbH

SARSTEDT AG & Co K

Roche Holdings AG

Beurer GmbH

Cardinal Health Inc.

Fresenius Kabi AG

Lmb Technologie GmbH

Fenwal Inc.

Kawasumi Laboratories Inc.

F. Hoffmann-La Roche Ltd

Thermo Fisher Scientific Inc.

Poly Medicure Ltd

Medtronic plc.

Nipro Corporation

Sekisui Chemical Co Ltd

Greiner Bio-One International GmbH

## Blood Processing Devices And Consumables Market Analytics

The report employs rigorous tools, including Porter's Five Forces, value chain mapping, and scenario-based modeling, to assess supply–demand dynamics. Cross-sector influences from parent, derived, and substitute markets are evaluated to identify risks and opportunities. Trade and pricing analytics provide an up-to-date view of

international flows, including leading exporters, importers, and regional price trends.

Macroeconomic indicators, policy frameworks such as carbon pricing and energy security strategies, and evolving consumer behavior are considered in forecasting scenarios. Recent deal flows, partnerships, and technology innovations are incorporated to assess their impact on future market performance.

### Blood Processing Devices And Consumables Market Competitive Intelligence

The competitive landscape is mapped through OG Analysis' proprietary frameworks, profiling leading companies with details on business models, product portfolios, financial performance, and strategic initiatives. Key developments such as mergers & acquisitions, technology collaborations, investment inflows, and regional expansions are analyzed for their competitive impact. The report also identifies emerging players and innovative startups contributing to market disruption.

Regional insights highlight the most promising investment destinations, regulatory landscapes, and evolving partnerships across energy and industrial corridors.

### Countries Covered

North America — Blood Processing Devices And Consumables market data and outlook to 2034

United States

Canada

Mexico

Europe — Blood Processing Devices And Consumables market data and outlook to 2034

Germany

United Kingdom

France

Italy

Spain

BeNeLux

Russia

Sweden

Asia-Pacific — Blood Processing Devices And Consumables market data and outlook to 2034

China

Japan

India

South Korea

Australia

Indonesia

Malaysia

Vietnam

Middle East and Africa — Blood Processing Devices And Consumables market data and outlook to 2034

Saudi Arabia

South Africa

Iran

UAE

Egypt

South and Central America — Blood Processing Devices And Consumables market data and outlook to 2034

Brazil

Argentina

Chile

Peru

*\* We can include data and analysis of additional countries on demand.*

### Research Methodology

This study combines primary inputs from industry experts across the Blood Processing Devices And Consumables value chain with secondary data from associations, government publications, trade databases, and company disclosures. Proprietary modeling techniques, including data triangulation, statistical correlation, and scenario planning, are applied to deliver reliable market sizing and forecasting.

### Key Questions Addressed

What is the current and forecast market size of the Blood Processing Devices And Consumables industry at global, regional, and country levels?

Which types, applications, and technologies present the highest growth potential?

How are supply chains adapting to geopolitical and economic shocks?

What role do policy frameworks, trade flows, and sustainability targets play in shaping demand?

Who are the leading players, and how are their strategies evolving in the face of

global uncertainty?

Which regional “hotspots” and customer segments will outpace the market, and what go-to-market and partnership models best support entry and expansion?

Where are the most investable opportunities—across technology roadmaps, sustainability-linked innovation, and M&A—and what is the best segment to invest over the next 3–5 years?

## Your Key Takeaways from the Blood Processing Devices And Consumables Market Report

Global Blood Processing Devices And Consumables market size and growth projections (CAGR), 2024-2034

Impact of Russia-Ukraine, Israel-Palestine, and Hamas conflicts on Blood Processing Devices And Consumables trade, costs, and supply chains

Blood Processing Devices And Consumables market size, share, and outlook across 5 regions and 27 countries, 2023-2034

Blood Processing Devices And Consumables market size, CAGR, and market share of key products, applications, and end-user verticals, 2023-2034

Short- and long-term Blood Processing Devices And Consumables market trends, drivers, restraints, and opportunities

Porter’s Five Forces analysis, technological developments, and Blood Processing Devices And Consumables supply chain analysis

Blood Processing Devices And Consumables trade analysis, Blood Processing Devices And Consumables market price analysis, and Blood Processing Devices And Consumables supply/demand dynamics

Profiles of 5 leading companies—overview, key strategies, financials, and products

Latest Blood Processing Devices And Consumables market news and

developments

### Additional Support

With the purchase of this report, you will receive

An updated PDF report and an MS Excel data workbook containing all market tables and figures for easy analysis.

7-day post-sale analyst support for clarifications and in-scope supplementary data, ensuring the deliverable aligns precisely with your requirements.

Complimentary report update to incorporate the latest available data and the impact of recent market developments.

*\* The updated report will be delivered within 3 working days*

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