

Automated Blood Collection Market Global Analysis 2022 | Analysis, Forecast 2030, Growth Opportunities and Revenue

Increasing incidence of both infectious and chronic diseases is a key factor driving automated blood collection market revenue growth

VANCOUVER, BC, CANADA, November 9, 2022 /EINPresswire.com/ -- The global [automated blood collection market](#) size was USD 1.08 Billion in 2021 and is expected to register a revenue CAGR of 7.1% during the forecast period, according to latest analysis by Emergen Research. Market revenue growth is primarily driven by

factors such as growing public awareness about advantages that automated blood collection methods offer over manual blood collection techniques, ongoing demand for blood in hospitals, nursing homes, and ambulatory care facilities, rising rates of traffic accidents and trauma cases globally, and rising surgical rates. In addition, increasing government initiatives to promote blood

donation, rising demand for sophisticated blood collection and storage systems, rise in popularity of liquid biopsy testing, and increased number of product approvals are also driving revenue growth of the market.



Automated Blood Collection Market Size – USD 1.08 Billion in 2021, Market Growth – at a CAGR of 7.1%, Market Trends – Rapid ongoing demand for blood in hospitals, nursing homes”

Emergen Research



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As a result of surge in testing demand, medical facilities, such as hospitals and pathology labs, are introducing automation-based approaches in their operations to manage rise in quantity of specimens. The automated blood collection market is expected to be impacted by technological advancements, such as portable blood

collection, Hemosep 3-D printed blood collection devices, design of blood collection tubes, robotics in blood management, RFID technology, and microfluidic blood collection devices, due to their distinctive features. For instance, researchers at Rutgers University developed Venibot, a

"venipuncture robot" that can draw blood and run tests on its own.

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Some Key Highlights from the Report

The venipuncture sampling segment accounted for a moderate revenue share in 2021. Venipuncture is most frequent clinical procedure performed worldwide and over 1.4 billion take place each year in the U.S., which involves putting a needle into a vein to obtain a blood sample or deliver IV medicine. However, previous research show that clinicians are ineffective in malnourished patients in 60% of cases, patients without perceptible veins in 40% of cases, and patients without visible veins in 27% of cases. To collect blood quickly and securely while displaying patient information at the site of blood draw, a number of scientists are striving to build platform devices that integrate robotic automated venipuncture with automated diagnostics. Due to technological advancements, such as ultrasonography and 3D reconstruction of vein, repeated manual venipuncture attempts are no longer required. Some of these devices integrate an image-guided venipuncture robot designed to overcome challenges of conventional venous access with a centrifuge-based blood analyzer to provide accurate hematological measurements.

The therapeutic treatment segment accounted for a significant revenue share in 2021. In intensive care units, therapeutic blood transfusion methods, such as apheresis and phlebotomy, are often employed. Therapeutic apheresis, also known as automated blood collection, has developed into a relatively widespread therapeutic option and is used to treat patients with a range of diseases. Apheresis is increasingly being used to treat a variety of illnesses in severely ill individuals. There is mounting evidence that apheresis can be used as a stand-alone treatment or as a supplement to other therapies for various illnesses including sepsis, fulminant liver failure, drug toxicity, thrombotic thrombocytopenic purpura, hemolytic uremic syndrome, and autoimmune disease. Cytapheresis, photopheresis, and Therapeutic Plasma Exchange (TPE) are all types of therapeutic apheresis. . These are some of the crucial factors driving revenue growth of this segment.

The report includes a detailed segmentation study of the global Automated Blood Collection market, where all of the segments are analyzed in terms of market growth, share, growth rate, and other vital factors. It also provides the attractiveness index of segments so that players can be informed about lucrative revenue pockets of the global Automated Blood Collection market. The extensive evaluation of segments provided in the report will help you to direct your investments, strategies, and teams to focus on the right areas of the global Automated Blood Collection market.

Top Leading Key Players are:

Becton Dickinson and Company, Terumo BCT, Inc., Grifols S.A, Quest Diagnostics Incorporated, Haemonetics Corporation, Greiner Holding AG, Beckman Coulter, Inc., Fresenius Kabi AG., and QIAGEN.

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Emergen Research has segmented the global automated blood collection market based on type, product type, application, and region:

Type Outlook (Revenue, USD Billion; 2019-2030)

Arterial Sampling

Venipuncture Sampling

Fingerstick Sampling

Product Type Outlook (Revenue, USD Billion; 2019-2030)

Needles & Syringes

Blood Collection Tubes

Blood Bags

Instruments

Others

Application Outlook (Revenue, USD Billion; 2019-2030)

Diagnostics

Therapeutic Treatments

End-Use Outlook (Revenue, USD Billion; 2019-2030)

Hospitals

Diagnostic Centers

Pathology Laboratories

Others

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Leading businesses who are looking for new sources of income will find this research to be quite helpful in understanding the market and its underlying dynamics. It will be helpful for businesses looking to diversify into new markets or increase the scope of their current operations.

How will this Report Benefit you?

A 250-page report from Emergen Research includes 194 tables and 189 charts and graphics. Anyone in need of commercial, in-depth assessments for the global Automated Blood Collection market, as well as comprehensive market segment analysis, can benefit from our new study. You can assess the whole regional and global market for Automated Blood Collection with the aid of our recent study. To increase market share, obtain financial analysis of the whole market and its various segments. We think there are significant prospects in this industry for rapidly expanding energy storage technology. Look at how you may utilise the current and potential revenue-generating prospects in this sector. The research will also assist you in making better strategic decisions, enabling you to build growth strategies, strengthen competitor analysis, and increase business productivity.

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What Questions Should You Ask before Buying a Market Research Report?

- How is the Automated Blood Collection market evolving?
- What is driving and restraining the Automated Blood Collection market?
- How will each Automated Blood Collection submarket segment grow over the forecast period and how much revenue will these submarkets account for in 2030?
- How will the market shares for each Automated Blood Collection submarket develop from 2022 to 2030?
- What will be the main driver for the overall market from 2022 to 2030?
- Will leading Automated Blood Collection markets broadly follow the macroeconomic dynamics, or will individual national markets outperform others?
- How will the market shares of the national markets change by 2030 and which geographical

region will lead the market in 2030?

- Who are the leading players and what are their prospects over the forecast period?
- What are the Automated Blood Collection projects for these leading companies?
- How will the industry evolve during the period between 2020 and 2030? What are the implications of Automated Blood Collection projects taking place now and over the next 10 years?

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