

Heart-Lung Machine Market Size, Trends, Analysis, and Outlook By Component (Oxygenators, Pumps, Cannula, Monitoring Systems, Heat Exchanger Units, Blood Reservoir, Others), By Application (Coronary Artery Bypass Grafting (CABG), Heart Valve Surgeries, Heart Transplant, Lung Transplant, Others), By End-User (Hospitals, Cardiac Centers, Others), by Region, Country, Segment, and Companies, 2024-2030

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Abstracts

The global Heart-Lung Machine market size is poised to register 6.14% growth from 2024 to 2030, presenting significant growth prospects for companies operating in the industry. The industry study analyzes the global Heart-Lung Machine market across By Component (Oxygenators, Pumps, Cannula, Monitoring Systems, Heat Exchanger Units, Blood Reservoir, Others), By Application (Coronary Artery Bypass Grafting (CABG), Heart Valve Surgeries, Heart Transplant, Lung Transplant, Others), By End-User (Hospitals, Cardiac Centers, Others).

The heart-lung machine market is witnessing notable growth driven by the increasing prevalence of cardiovascular surgeries, rising demand for extracorporeal circulation technologies, and advancements in perfusion and oxygenation systems. In 2024 and beyond, factors such as the growing number of coronary artery bypass graft (CABG) procedures, expansion of minimally invasive cardiac surgery techniques, and rising adoption of portable and modular heart-lung machines are driving market expansion. Additionally, the development of integrated monitoring and control systems, adoption of biocompatible materials for blood contact surfaces, and collaborations between perfusion device manufacturers and cardiac surgery centers contribute to market

growth.

Heart-Lung Machine Market Drivers, Trends, Opportunities, and Growth Opportunities

This comprehensive study discusses the latest trends and the most pressing challenges for industry players and investors. The Heart-Lung Machine market research analyses the global market trends, key drivers, challenges, and opportunities in the industry. In addition, the latest Future of Heart-Lung Machine survey report provides the market size outlook across types, applications, and other segments across the world and regions. It provides data-driven insights and actionable recommendations for companies in the Heart-Lung Machine industry.

Key market trends defining the global Heart-Lung Machine demand in 2024 and Beyond

The industry continues to remain an attractive hub for opportunities for both domestic and global vendors. As the market evolves, factors such as emerging market dynamics, demand from end-user sectors, a growing patient base, changes in consumption patterns, and widening distribution channels continue to play a major role.

Heart-Lung Machine Market Segmentation- Industry Share, Market Size, and Outlook to 2030

The Heart-Lung Machine industry comprises a wide range of segments and sub-segments. The rising demand for these product types and applications is supporting companies to increase their investment levels across niche segments. Accordingly, leading companies plan to generate a large share of their future revenue growth from expansion into these niche segments. The report presents the market size outlook across segments to support Heart-Lung Machine companies scaling up production in these sub-segments with a focus on expanding into emerging countries.

Key strategies adopted by companies within the Heart-Lung Machine industry

Leading Heart-Lung Machine companies are boosting investments to capitalize on untapped potential and future possibilities across niche market segments and surging demand conditions in key regions. Further, companies are leveraging advanced technologies to unlock opportunities and achieve operational excellence. The report provides key strategies opted for by the top 10 Heart-Lung Machine companies.

Heart-Lung Machine Market Study- Strategic Analysis Review

The Heart-Lung Machine market research report dives deep into the qualitative factors shaping the market, empowering you to make informed decisions-

Industry Dynamics: Porter's Five Forces analysis to understand bargaining power, competitive rivalry, and threats that impact long-term strategy formulation.

Strategic Insights: Provides valuable perspectives on key players and their approaches based on comprehensive strategy analysis.

Internal Strengths and Weaknesses: Develop targeted strategies to leverage strengths, address weaknesses, and capitalize on market opportunities.

Future Possibilities: Prepare for diverse outcomes with in-depth scenario analysis. Explore potential market disruptions, technology advancements, and economic changes.

Heart-Lung Machine Market Size Outlook- Historic and Forecast Revenue in Three Cases

The Heart-Lung Machine industry report provides a detailed analysis and outlook of revenue generated by companies from 2018 to 2023. Further, with actual data for 2023, the report forecasts the market size outlook from 2024 to 2030 in three case scenarios- low case, reference case, and high case scenarios.

Heart-Lung Machine Country Analysis and Revenue Outlook to 2030

The report analyses 22 countries worldwide including the key driving forces and market size outlook from 2021 to 2030. In addition, region analysis across Asia Pacific, Europe, the Middle East, Africa, North America, and South America is included in the study. For each of the six regions, the market size outlook by segments is forecast for 2030.

North America Heart-Lung Machine Market Size Outlook- Companies plan for focused investments in a changing environment

The US continues to remain the market leader in North America, driven by a large consumer base, the presence of well-established providers, and a strong end-user

industry demand. Leading companies focus on new product launches in the changing environment. The US economy is expected to grow in 2024 (around 2.2% growth in 2024), potentially driving demand for various Heart-Lung Machine market segments. Similarly, Strong end-user demand is encouraging Canadian Heart-Lung Machine companies to invest in niche segments. Further, as Mexico continues to strengthen its trade relations and invest in technological advancements, the Mexico Heart-Lung Machine market is expected to experience significant expansion, offering lucrative opportunities for both domestic and international stakeholders.

Europe Heart-Lung Machine Market Size Outlook-Companies investing in assessing consumers, categories, competitors, and capabilities

The German industry remains the major market for companies in the European Heart-Lung Machine industry with consumers in Germany, France, the UK, Spain, Italy, and others anticipated to register a steady demand throughout the forecast period, driving the overall market prospects. In addition, the proactive approach of businesses in identifying and leveraging new growth prospects positions the European Heart-Lung Machine market for an upward trajectory, fostering both domestic and international interest. Leading brands operating in the industry are emphasizing effective marketing strategies, innovative product offerings, and a keen understanding of consumer preferences.

Asia Pacific Heart-Lung Machine Market Size Outlook- an attractive hub for opportunities for both local and global companies

The increasing prevalence of indications, robust healthcare expenditure, and increasing investments in healthcare infrastructure drive the demand for Heart-Lung Machine in Asia Pacific. In particular, China, India, and South East Asian Heart-Lung Machine markets present a compelling outlook for 2030, acting as a magnet for both domestic and multinational manufacturers seeking growth opportunities. Similarly, with a burgeoning population and a rising middle class, India offers a vast consumer market. Japanese and Korean companies are quickly aligning their strategies to navigate changes, explore new markets, and enhance their competitive edge. Our report utilizes in-depth interviews with industry experts and comprehensive data analysis to provide a comprehensive outlook of 6 major markets in the region.

Latin America Heart-Lung Machine Market Size Outlook- Continued urbanization and rising income levels

Rising income levels contribute to greater purchasing power among consumers, spurring consumption and creating opportunities for market expansion. Continued urbanization and rising income levels are expected to sustainably drive consumption growth in the medium to long term.

Middle East and Africa Heart-Lung Machine Market Size Outlook- continues its upward trajectory across segments

Robust demand from Middle Eastern countries including Saudi Arabia, the UAE, Qatar, Kuwait, and other GCC countries supports the overall Middle East Heart-Lung Machine market potential. Fueled by increasing healthcare expenditure of individuals, growing population, and high prevalence across a few markets drives the demand for Heart-Lung Machine.

Heart-Lung Machine Market Company Profiles

The global Heart-Lung Machine market is characterized by intense competitive conditions with leading companies opting for aggressive marketing to gain market shares. The report presents business descriptions, SWOT analysis, growth strategies, and financial profiles. Leading companies included in the study are Braile Biomédica, ELITE LIFECARE, Getinge, Hemovent GmbH, LivaNova Inc, Medtronic, MERA (Senko Medical Instrument Mfg. Co. Ltd), NIPRO, Technowood International Pte. Ltd, Terumo Europe NV, Tianjin Welcome Medical Equipment Co. Ltd

Recent Heart-Lung Machine Market Developments

The global Heart-Lung Machine market study presents recent market news and developments including new product launches, mergers, acquisitions, expansions, product approvals, and other updates in the industry.

Heart-Lung Machine Market Report Scope

Parameters: Revenue, Volume Price

Study Period: 2023 (Base Year); 2018- 2023 (Historic Period); 2024- 2030 (Forecast Period)

Currency: USD; (Upon request, can be provided in Euro, JPY, GBP, and other Local Currency)

Qualitative Analysis

Pricing Analysis

Value Chain Analysis

SWOT Profile

Market Dynamics- Trends, Drivers, Challenges

Porter's Five Forces Analysis

Macroeconomic Impact Analysis

Case Scenarios- Low, Base, High

Market Segmentation:

By Component

Oxygenators

Pumps

Cannula

Monitoring Systems

Heat Exchanger Units

Blood Reservoir

Others

By Application

Coronary Artery Bypass Grafting (CABG)

Heart Valve Surgeries

Heart Transplant

Lung Transplant

Others

By End-User

Hospitals

Cardiac Centers

Others

Geographical Segmentation:

North America (3 markets)

Europe (6 markets)

Asia Pacific (6 markets)

Latin America (3 markets)

Middle East Africa (5 markets)

Companies

Braile Biomédica

ELITE LIFECARE

Getinge

Hemovent GmbH

LivaNova Inc

Medtronic

MERA (Senko Medical Instrument Mfg. Co. Ltd)

NIPRO

Technowood International Pte. Ltd

Terumo Europe NV

Tianjin Welcome Medical Equipment Co. Ltd

Formats Available: Excel, PDF, and PPT

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 - Cannula

Monitoring Systems

Heat Exchanger Units

Blood Reservoir

Others

By Application

Coronary Artery Bypass Grafting (CABG)

Heart Valve Surgeries

Heart Transplant

Lung Transplant

Others

By End-User

Hospitals

Cardiac Centers

Others

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