

Extracorporeal Membrane Oxygenation Machine Market Size, Trends, Analysis, and Outlook By Component (Pumps, Oxygenators, Controllers, Cannula, Accessories), By Modality (Veno-Arterial, Veno-Venous, Arterio-Venous), By Patient Type (Neonates, Pediatric, Adult), By Application (Respiratory, Cardiac, ECPR), by Region, Country, Segment, and Companies, 2024-2030

<https://marketpublishers.com/r/E98286E65BA5EN.html>

Date: March 2024

Pages: 190

Price: US\$ 3,980.00 (Single User License)

ID: E98286E65BA5EN

Abstracts

The global Extracorporeal Membrane Oxygenation Machine market size is poised to register 5.77% growth from 2024 to 2030, presenting significant growth prospects for companies operating in the industry. The industry study analyzes the global Extracorporeal Membrane Oxygenation Machine market across By Component (Pumps, Oxygenators, Controllers, Cannula, Accessories), By Modality (Veno-Arterial, Veno-Venous, Arterio-Venous), By Patient Type (Neonates, Pediatric, Adult), By Application (Respiratory, Cardiac, ECPR).

The extracorporeal membrane oxygenation (ECMO) machine market is experiencing significant growth due to the rising prevalence of acute respiratory distress syndrome (ARDS), increasing adoption of ECMO therapy for cardiac and respiratory support, and technological advancements in ECMO systems. ECMO machines are medical devices used to provide temporary cardiac and/or respiratory support to patients with severe respiratory or cardiac failure by oxygenating and removing carbon dioxide from the blood outside the body. Factors such as the growing incidence of respiratory diseases, cardiac surgeries, and trauma-related injuries, along with the expanding applications of ECMO in neonatal and pediatric intensive care units (ICUs), are driving market

expansion. Additionally, advancements in ECMO technology, such as the development of portable and compact ECMO systems, integrated monitoring and control features, and biocompatible materials for circuit components, are enhancing device performance and patient outcomes. Moreover, increasing awareness about the benefits of ECMO therapy among healthcare professionals, the establishment of ECMO centers of excellence, and collaborations between medical device manufacturers and research institutions for product development are driving market growth. Furthermore, the COVID-19 pandemic has further accelerated the adoption of ECMO therapy for severe cases of respiratory failure, contributing to market expansion.

Extracorporeal Membrane Oxygenation 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 Extracorporeal Membrane Oxygenation Machine market research analyses the global market trends, key drivers, challenges, and opportunities in the industry. In addition, the latest Future of Extracorporeal Membrane Oxygenation 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 Extracorporeal Membrane Oxygenation Machine industry.

Key market trends defining the global Extracorporeal Membrane Oxygenation 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.

Extracorporeal Membrane Oxygenation Machine Market Segmentation- Industry Share, Market Size, and Outlook to 2030

The Extracorporeal Membrane Oxygenation 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 Extracorporeal Membrane Oxygenation

Machine companies scaling up production in these sub-segments with a focus on expanding into emerging countries.

Key strategies adopted by companies within the Extracorporeal Membrane Oxygenation Machine industry

Leading Extracorporeal Membrane Oxygenation 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 Extracorporeal Membrane Oxygenation Machine companies.

Extracorporeal Membrane Oxygenation Machine Market Study- Strategic Analysis Review

The Extracorporeal Membrane Oxygenation 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.

Extracorporeal Membrane Oxygenation Machine Market Size Outlook- Historic and Forecast Revenue in Three Cases

The Extracorporeal Membrane Oxygenation 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.

Extracorporeal Membrane Oxygenation 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 Extracorporeal Membrane Oxygenation 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 Extracorporeal Membrane Oxygenation Machine market segments. Similarly, Strong end-user demand is encouraging Canadian Extracorporeal Membrane Oxygenation Machine companies to invest in niche segments. Further, as Mexico continues to strengthen its trade relations and invest in technological advancements, the Mexico Extracorporeal Membrane Oxygenation Machine market is expected to experience significant expansion, offering lucrative opportunities for both domestic and international stakeholders.

Europe Extracorporeal Membrane Oxygenation 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 Extracorporeal Membrane Oxygenation 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 Extracorporeal Membrane Oxygenation 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 Extracorporeal Membrane Oxygenation 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 Extracorporeal Membrane Oxygenation Machine in Asia Pacific. In particular, China, India, and South East Asian Extracorporeal Membrane Oxygenation 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 Extracorporeal Membrane Oxygenation 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 Extracorporeal Membrane Oxygenation 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 Extracorporeal Membrane Oxygenation Machine market potential. Fueled by increasing healthcare expenditure of individuals, growing population, and high prevalence across a few markets drives the demand for Extracorporeal Membrane Oxygenation Machine.

Extracorporeal Membrane Oxygenation Machine Market Company Profiles

The global Extracorporeal Membrane Oxygenation 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

CytoSorbents Corporation, EUROSETS S.R.L, LivaNova PLC, Maquet Holding, Medos Medizintechnik, Medtronic Plc, Microport Scientific Corporation, Nipro Medical Corporation, Terumo Cardiovascular System Corporation

Recent Extracorporeal Membrane Oxygenation Machine Market Developments

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

Extracorporeal Membrane Oxygenation 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

Pumps

Oxygenators

Controllers

Cannula

Accessories

By Modality

Veno-Arterial

Veno-Venous

Arterio-Venous

By Patient Type

Neonates

Pediatric

Adult

By Application

Respiratory

Cardiac

ECPR

Geographical Segmentation:

North America (3 markets)

Europe (6 markets)

Asia Pacific (6 markets)

Latin America (3 markets)

Middle East Africa (5 markets)

Companies

CytoSorbents Corporation

EUROSETS S.R.L

LivaNova PLC

Maquet Holding

Medos Medizintechnik

Medtronic Plc

Microport Scientific Corporation

Nipro Medical Corporation

Terumo Cardiovascular System Corporation

Formats Available: Excel, PDF, and PPT

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By Component

Pumps

Oxygenators

Controllers

Cannula

Accessories

By Modality

Veno-Arterial

Veno-Venous

Arterio-Venous

By Patient Type

Neonates

Pediatric

Adult

By Application

Respiratory

Cardiac

ECPR

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EUROSETS S.R.L

LivaNova PLC

Maquet Holding

Medos Medizintechnik

Medtronic Plc

Microport Scientific Corporation

Nipro Medical Corporation

Terumo Cardiovascular System Corporation

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