+357 96 030922
info@marketpublishers.com

Dialysis Equipment Market Forecasts to 2032 – Global Analysis By Product Type (Dialysis Machines, Dialyzers, Dialysis Concentrates, Bloodlines, Catheters and Other Product Types), Disease Type, Dialysis Type, End User and By Geography

https://marketpublishers.com/r/DBF6510F1378EN.html
Date: April 2025
Pages: 150
Price: US$ 4,150.00 (Single User License)
ID: DBF6510F1378EN

Abstracts

According to Stratistics MRC, the Global Dialysis Equipment Market is accounted for $108.9 billion in 2025 and is expected to reach $220.5 billion by 2032 growing at a CAGR of 10.6% during the forecast period. Dialysis equipment comprises specialized medical devices used to filter and remove waste products, excess fluids, and toxins from the blood when the kidneys are no longer able to perform these functions effectively. This equipment is essential for patients with chronic kidney disease or kidney failure. Key components include a dialysis machine, dialyzer (artificial kidney), and tubing system that facilitates the flow of blood and dialysate. The process can be performed in medical facilities or at home. Dialysis equipment helps maintain the body's chemical balance and supports overall health.

According to American Kidney Fund, up to 37 million Americans have kidney disease. Nearly 808,000 Americans are living with kidney failure. More than 557,000 Americans are on dialysis. Kidney disease is increasing at an alarming rate.

Market Dynamics:

Driver:

Rising Prevalence of Chronic Kidney Disease (CKD) and End-Stage Renal Disease (ESRD)

+357 96 030922
info@marketpublishers.com

The rising prevalence of Chronic Kidney Disease (CKD) and End-Stage Renal Disease (ESRD) is fueling the growth of the market. Factors such as aging populations, increasing rates of diabetes and hypertension, and sedentary lifestyles contribute to the growing number of CKD and ESRD cases. As a result, there is a higher demand for dialysis treatment and related equipment. This surge is encouraging technological advancements and greater investments in more efficient, accessible, and patient-centric dialysis solutions worldwide.

Restraint:

Limited reimbursement policies

Limited reimbursement policies negatively impact the market by restricting patient access to advanced treatment options. Inadequate insurance coverage and low reimbursement rates discourage healthcare providers from adopting newer, more expensive dialysis technologies. This limits innovation and slows the adoption of home dialysis systems, especially in low#- #and middle-income regions. Patients may face increased out-of-pocket costs, leading to treatment delays or suboptimal care. Consequently, market growth is hindered, and health outcomes for individuals with kidney disease may worsen.

Opportunity:

Growing preference for home dialysis

The growing preference for home dialysis is significantly influencing the market. Patients are increasingly opting for home-based treatments due to their convenience, flexibility, and improved quality of life. Technological advancements in home dialysis systems, such as automated peritoneal dialysis (APD) and portable hemodialysis devices, have made at-home treatments more accessible and effective. Additionally, supportive reimbursement policies and government initiatives are encouraging the adoption of home dialysis, further driving market growth.

Threat:

Shortage of skilled healthcare professionals

The shortage of skilled healthcare professionals poses a significant challenge to the market. A global deficit in nephrologists, dialysis nurses, technicians, and support staff

+357 96 030922
info@marketpublishers.com

hampers the effective operation of dialysis centers, particularly in low#- #and middle-income regions. This workforce gap leads to suboptimal patient care, increased mortality rates, and underutilization of advanced dialysis technologies. In countries like India, the unequal distribution of nephrologists and limited training opportunities exacerbate these issues, limiting access to life-saving treatments for many patients.

Covid-19 Impact

The COVID-19 pandemic significantly impacted the market, initially causing disruptions in patient care and supply chains. Lockdowns and hospital resource reallocations led to postponed elective procedures, including routine dialysis treatments, resulting in decreased demand for dialysis equipment during the early stages of the pandemic. Additionally, supply chain interruptions and raw material shortages affected manufacturing capabilities. However, the pandemic also highlighted the need for advanced dialysis solutions, leading to increased investments in home dialysis technologies and telehealth integration. As healthcare systems adapt, these innovations are expected to drive long-term growth in the dialysis equipment market.

The dialysis machines segment is expected to be the largest during the forecast period

The dialysis machines segment is expected to account for the largest market share during the forecast period, due to the rising prevalence of chronic kidney diseases and the increasing demand for renal therapies. Technological advancements, such as portable and home-use dialysis machines, are enhancing patient comfort and accessibility. Additionally, the integration of artificial intelligence and data analytics in dialysis equipment for better monitoring and management is driving innovation. The growing elderly population and improved healthcare infrastructure are further contributing to the expansion of the dialysis machines market globally.

The hemodialysis segment is expected to have the highest CAGR during the forecast period

Over the forecast period, the hemodialysis segment is predicted to witness the highest growth rate, driven by the rising global prevalence of chronic kidney disease (CKD) and end-stage renal disease (ESRD), coupled with an aging population. Technological advancements focusing on enhanced safety, reduced treatment times, and improved patient outcomes are key trends. The increasing demand for home-based hemodialysis and the development of portable devices are further propelling market expansion. Consequently, the hemodialysis equipment market is expected to continue its upward

+357 96 030922
info@marketpublishers.com

trajectory in the coming years.

Region with largest share:

During the forecast period, the Asia Pacific region is expected to hold the largest market share. Countries like China and India are witnessing a particularly high prevalence of kidney disorders due to rising rates of diabetes and hypertension. Government initiatives and improving healthcare infrastructure are further boosting market expansion. Technological advancements, including the development of portable and home-based dialysis equipment, are enhancing accessibility. However, challenges such as the high cost of equipment and treatment, lack of awareness, and shortage of skilled professionals could potentially hinder market growth in some areas.

Region with highest CAGR:

Over the forecast period, the North America region is anticipated to exhibit the highest CAGR, owing to rising prevalence of chronic kidney disease. Technological advancements focusing on home dialysis and user-friendly devices are prominent trends. A well-established healthcare infrastructure and favorable reimbursement policies further contribute to market growth. However, high treatment costs and the risk of complications associated with long-term dialysis remain challenges. The market is also witnessing a growing focus on portable and wearable dialysis devices and increasing investments in telehealth for kidney disease management.

Key players in the market

Some of the key players profiled in the Dialysis Equipment Market include Fresenius Medical Care, Baxter International Inc., B. Braun Melsungen AG, Nipro Corporation, Nikkiso Co., Ltd., Asahi Kasei Corporation, DaVita Inc., Medtronic plc, Rockwell Medical Inc., Becton Dickinson and Company, Dialife SA, Isopure Corp., Quanta Dialysis Technologies Ltd., NxStage Medical, Medivators Inc., Allmed Medical Products Co., Ltd. and Atlantic Biomedical.

Key Developments:

In January 2025, BD (Becton, Dickinson and Company), a leading global medical technology company, and Biosero, a developer of laboratory automation solutions to orchestrate scientific discoveries, today announced a framework collaboration agreement to enable and facilitate robotic arm integration with BD flow cytometry

+357 96 030922
info@marketpublishers.com

instruments to accelerate drug discovery and development.

In March 2024, AW Technologies and Asahi Kasei Medical, a core operating company of the Asahi Kasei Group, have entered into an exclusive distribution agreement in Japan for AW Technologies' TrachFlush™ device. Developed by AW Technologies based on an invention by an intensivist, the TrachFlush is a medical device to reduce the discomfort of ventilated patients while lightening the workload on healthcare professionals during tracheal suctioning.

Product Types Covered:

- Dialysis Machines
- Dialyzers
- Dialysis Concentrates
- Bloodlines
- Catheters
- Other Product Types

Disease Types Covered:

- Chronic Kidney Disease (CKD)
- End-Stage Renal Disease (ESRD)
- Acute Kidney Injury (AKI)
- Polycystic Kidney Disease (PKD)
- Hypertensive Nephropathy
- Diabetic Nephropathy
- Other Disease Types

+357 96 030922
info@marketpublishers.com

Dialysis Types Covered:

- Hemodialysis
- Peritoneal Dialysis

End Users Covered:

- Hospitals
- Ambulatory Surgical Centers (ASCs)
- Dialysis Centers
- Clinics
- Home Care Settings
- Other End Users

Regions Covered:

- North America
  - US
  - Canada
  - Mexico
- Europe
  - Germany
  - UK

+357 96 030922
info@marketpublishers.com

- Italy
- France
- Spain
- Rest of Europe

Asia Pacific

- Japan
- China
- India
- Australia
- New Zealand
- South Korea
- Rest of Asia Pacific

South America

- Argentina
- Brazil
- Chile
- Rest of South America

Middle East & Africa

- Saudi Arabia

+357 96 030922
info@marketpublishers.com

UAE

Qatar

South Africa

Rest of Middle East & Africa

What our report offers:
- Market share assessments for the regional and country-level segments
- Strategic recommendations for the new entrants
- Covers Market data for the years 2024, 2025, 2026, 2028, and 2032
- Market Trends (Drivers, Constraints, Opportunities, Threats, Challenges, Investment Opportunities, and recommendations)
- Strategic recommendations in key business segments based on the market estimations
- Competitive landscaping mapping the key common trends
- Company profiling with detailed strategies, financials, and recent developments
- Supply chain trends mapping the latest technological advancements

Free Customization Offerings:

All the customers of this report will be entitled to receive one of the following free customization options:

Company Profiling

Comprehensive profiling of additional market players (up to 3)

SWOT Analysis of key players (up to 3)

Regional Segmentation

Market estimations, Forecasts and CAGR of any prominent country as per the client's interest (Note: Depends on feasibility check)

Competitive Benchmarking

+357 96 030922
info@marketpublishers.com

Benchmarking of key players based on product portfolio, geographical presence, and strategic alliances

+357 96 030922
info@marketpublishers.com

Contents

+357 96 030922
info@marketpublishers.com

+357 96 030922
info@marketpublishers.com

10 KEY DEVELOPMENTS

+357 96 030922
info@marketpublishers.com

11 COMPANY PROFILING

+357 96 030922
info@marketpublishers.com

List Of Tables

LIST OF TABLES

+357 96 030922
info@marketpublishers.com

Note: Tables for North America, Europe, APAC, South America, and Middle East & Africa Regions are also represented in the same manner as above.

+357 96 030922
info@marketpublishers.com

I would like to order

Product name: Dialysis Equipment Market Forecasts to 2032 – Global Analysis By Product Type (Dialysis Machines, Dialyzers, Dialysis Concentrates, Bloodlines, Catheters and Other Product Types), Disease Type, Dialysis Type, End User and By Geography

Product link: https://marketpublishers.com/r/DBF6510F1378EN.html

Price: US$ 4,150.00 (Single User License / Electronic Delivery)

If you want to order Corporate License or Hard Copy, please, contact our Customer Service:
info@marketpublishers.com

Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page https://marketpublishers.com/r/DBF6510F1378EN.html