

Global Membrane Pump Market Size study & Forecast, by Method (Air Operated, Electrically Operated), by Operation (Single, Double), by Discharge Pressure (Up to 80 Bar, 80 to 200 Bar, and Above 200 Bar), and End-use Industry (Chemical, Water & Wastewater Treatment, Food & Beverages, Pharmaceutical, Oil & Gas) and Regional Analysis, 2023-2030

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Abstracts

Global Membrane Pump Market is valued approximately at USD 3.62 billion in 2022 and is anticipated to grow with a growth rate of more than 4.8% over the forecast period 2023-2030. Membrane Pump is an electrical device with positive displacement that transfers fluid into and out of a pump chamber. It is most recognized for its ability to lift objects via suction. The chamber and membrane diameters dictate the pressure and flow rates that the pump adjusts. The diaphragm expands, lowering the pressure and enabling the fluid to be poured in. They are also used to provide pressure for cleaning and spraying in automobiles, aviation, and the pharmaceutical sector. Increased demand from end-user industries including oil and gas, water and wastewater, chemicals and petrochemicals and food and beverages is propelling the membrane pump market. Additionally, it is anticipated that exploration and production activities would move offshore as oil and gas demand rises, oil prices stabilize and the number of onshore and offshore fields ages, leading to an increase in offshore ultra-deep-water projects. As a result, the membrane pump market is anticipated to expand throughout the projected period. In addition, a combination of 3D printing technology and computer modelling has produced cutting-edge improvements in pump design, upkeep, and replacement that powers the global membrane pump market.

The amount of wastewater generated and its overall pollutant load are continually rising

due to the global increase in water demand. In terms of the total population of the nation as of 2021, China has an urban population percentage of about 64.72%. Urban wastewater treatment facilities are essential for properly handling the waste. Additionally, high-income countries treated 74% of the industrial and municipal wastewater they produced in 2020, compared to 43% in upper-middle-income countries and about 26% in lower-middle-income countries, according to the United Nations University Institute of Water, Environment, and Health. The need for water treatment facilities and, consequently, the use of membrane pumps in water treatment facilities are predicted to rise in emerging nations due to rising environmental concerns and a growing water deficit. Additionally, rising investment in pharmaceutical industry and the need for effective treatment solutions is expected to be an opportunity for market. However, problems associated with pulsation and technical improvements in alternative pumps stifles market growth throughout the forecast period of 2023-2030.

The key regions considered for the Global Membrane Pump Market study includes Asia Pacific, North America, Europe, Latin America, and Middle East & Africa. Asia Pacific dominated the market in 2022 with the largest market share owing to the population rise, which is also fueling industrial growth. The market for diaphragm pumps is expanding as a result of the region's persistent expansion in the manufacturing and industrial sectors. The International Monetary Fund (IMF) forecasts that the region's GDP would expand from 6.5% in FY 2021 to 5.7% in FY2022. The key industries using diaphragm pumps in this area are mining, oil & gas, pharmaceuticals, chemicals, water & wastewater treatment, and power generation. Europe is expected to fastest growing during the forecast period, Because of high demand from the chemical, petrochemical, food, and beverage industries. Technological breakthroughs, such as the use of 3D printing technology and computer modelling, have resulted in cutting-edge improvements in pump design, maintenance, and replacement, which drives the diaphragm pump industry and provides opportunities for market expansion in this area.

Major market player included in this report are:

EMEC Pumps

Flowserve Corporation

Grundfos Holding A/S

Ingersoll Rand

Leak-Proof Pumps India Pvt Ltd.

LEWA GmbH

SEKO S.P.A.

TAPFLO AB

Xylem, Inc.

Yamada Corporation

Recent Developments in the Market:

In September 2021, Grundfos, a global leader in innovative pump systems and water technologies, has agreed to buy Mechanical Equipment Company, Inc. (MECO) This deal is about more than just great technology. Grundfos and MECO share similar principles, and together we will use our combined knowledge and abilities to produce even better solutions for our clients.'

In November 2020, Dover had enhanced its portfolio of multiple- and single-use pumps with the introduction of the new Quattroflow™ QF2500 Quaternary Diaphragm Pump. With a maximum flow rate of 2,500 gph (660 lph), the new QF2500 pump is ideal for demanding biopharma applications such as chromatography, TFF, viral filtration, sterile filtration, and depth filtration.

Global Membrane Pump Market Report Scope:

Historical Data – 2020 - 2021

Base Year for Estimation – 2022

Forecast period - 2023-2030

Report Coverage - Revenue forecast, Company Ranking, Competitive Landscape, Growth factors, and Trends

Segments Covered – Method, Operation ,Discharge Pressure, End User Industry, Region

Regional Scope - North America; Europe; Asia Pacific; Latin America; Middle East & Africa

Customization Scope - Free report customization (equivalent up to 8 analyst's working hours) with purchase. Addition or alteration to country, regional & segment scope*

The objective of the study is to define market sizes of different segments & countries in recent years and to forecast the values to the coming years. The report is designed to incorporate both qualitative and quantitative aspects of the industry within countries involved in the study.

The report also caters detailed information about the crucial aspects such as driving factors & challenges which will define the future growth of the market. Additionally, it also incorporates potential opportunities in micro markets for stakeholders to invest along with the detailed analysis of competitive landscape and product offerings of key players. The detailed segments and sub-segment of the market are explained below:

By Method:

Air Operated,

Electrically Operated

By Operation:

Single

Double

By Discharge Pressure:

Up to 80 Bar

80 to 200 Bar

Above 200 Bar

By End User Industry:

Chemical

Water & Wastewater Treatment

Food & Beverages

Pharmaceutical

Oil & Gas

By Region:

North America

U.S.

Canada

Europe

UK

Germany

France

Spain

Italy

ROE

Asia Pacific

China

India

Japan

Australia

South Korea

RoAPAC

Latin America

Brazil

Mexico

Middle East & Africa

Saudi Arabia

South Africa

Rest of Middle East & Africa

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