

Pharmaceutical Filtration Market: Global Industry Trends, Share, Size, Growth, Opportunity and Forecast 2022-2027

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Abstracts

The global pharmaceutical filtration market reached a value of US\$ 9.05 Billion in 2021. Looking forward, IMARC Group expects the market to reach US\$ 29.7 Billion by 2027, exhibiting a CAGR of 22.2% during 2022-2027. Keeping in mind the uncertainties of COVID-19, we are continuously tracking and evaluating the direct as well as the indirect influence of the pandemic. These insights are included in the report as a major market contributor.

Pharmaceutical filtration refers to the process of separating solid particulate matter from fluids and gases using a porous medium. It can be performed using different methods depending on the application and chemical solution. For instance, ultrafiltration (UF) is a pressure-driven barrier that suspends pathogens and generates a high purity level in products. It is widely utilized in the separation, concentration, and purification of specific macromolecules and the production of vaccines, plasma, and serums. Moreover, cross-flow filtration is recently developed for eliminating total dissolved solids (TDS) in water.

Pharmaceutical Filtration Market Trends:

A considerable rise in the prevalence of chronic diseases has escalated the demand for generic medicines worldwide. This, along with stringent regulations for quality control of drugs, represents one of the key factors impelling the growth of the market. Moreover, the rising number of drug launches is positively influencing the adoption of pharmaceutical filtration methods to remove potential pathogens during the manufacturing processes. Technological advancements in the production of large molecules and biologics are also bolstering the market growth. Apart from this, the rising demand for advanced therapeutic drugs and increasing investments in research and development (R&D) projects are other factors contributing to market growth.

Furthermore, the leading companies are focusing on collaborations, partnerships and merger and acquisitions (M&A) activities. This will assist these companies in developing innovative products that can be used across various applications, such as bioburden testing, virus inactivation, and buffer preparation.

Key Market Segmentation:

IMARC Group provides an analysis of the key trends in each sub-segment of the global pharmaceutical filtration market, along with forecasts at the global, regional and country level from 2022-2027. Our report has categorized the market based on product, technique, application and scale of operation.

Breakup by Product:

- Membrane Filters
 - MCE Membrane Filters
 - Coated Cellulose Acetate Membrane Filters
 - PTFE Membrane Filters
 - Nylon Membrane Filters
 - PVDF Membrane Filters
- Others
 - Prefilters and Depth Media
 - Glass Fiber Filters
 - PTFE Fiber Filters
 - Single-use Systems
 - Cartridges and Capsules
 - Filter Holders
 - Filtration Accessories
- Others

Breakup by Technique:

- Microfiltration
- Ultrafiltration
- Crossflow Filtration
- Nanofiltration
- Others

Breakup by Application:

Final Product Processing
Active Pharmaceutical Ingredient Filtration
Sterile Filtration
Protein Purification
Vaccines and Antibody Processing
Formulation and Filling Solutions
Viral Clearance
Raw Material Filtration
Media Buffer
Pre-Filtration
Bioburden Testing
Cell Separation
Water Purification
Air Purification

Breakup by Scale of Operation:

Manufacturing Scale
Pilot-scale
Research and Development Scale

Breakup by Region:

North America
United States
Canada
Asia-Pacific
China
Japan
India
South Korea
Australia
Indonesia
Others
Europe
Germany
France
United Kingdom
Italy

Spain
Russia
Others
Latin America
Brazil
Mexico
Others
Middle East and Africa

Competitive Landscape:

The competitive landscape of the industry has also been examined along with the profiles of the key players being 3M Company, Amazon Filters Ltd, Danaher Corporation, Eaton Corporation plc, General Electric Company, Graver Technologies LLC, Meissner Filtration Products Inc, Merck KGaA, Parker Hannifin Corporation and Sartorius AG.

Key Questions Answered in This Report:

How has the global pharmaceutical filtration market performed so far and how will it perform in the coming years?

What has been the impact of COVID-19 on the global pharmaceutical filtration market?

What are the key regional markets?

What is the breakup of the market based on the product?

What is the breakup of the market based on the technique?

What is the breakup of the market based on the application?

What is the breakup of the market based on the scale of operation?

What are the various stages in the value chain of the industry?

What are the key driving factors and challenges in the industry?

What is the structure of the global pharmaceutical filtration market and who are the key players?

What is the degree of competition in the industry?

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