

# Life Science Filtration Global Market - Forecast To 2028

<https://marketpublishers.com/r/L3685C1F9FF6EN.html>

Date: March 2022

Pages: 411

Price: US\$ 4,950.00 (Single User License)

ID: L3685C1F9FF6EN

## Abstracts

Filtration is a mechanical or physical process that typically removes unwanted materials from fluids (liquids or gases) by passing only the fluid through a media. Filters have been widely used in life science industries (Pharmaceutical & biopharmaceutical, research and medical device). The process is an essential step in drug discovery development, manufacturing and final processing of both small molecules and large molecules. Contaminant removal, controlling the amount of bioburden during the process, preventing environmental (airborne) contaminants and sterilizing filtration of the final product are the application of filters in pharma industries. In biopharma industries, filters are used both in upstream processing such as media preparation, cell culture and harvesting and in downstream processing such as buffer preparation, concentration/diafiltration and sterile filtration. In medical device industry, filtration is used as an essential component of some of the medical procedures such as hemodialysis, plasmapheresis, ventilation, ECMO, infusion etc and also used in sample preparation for diagnostic tests. Apart from these applications, filtration is commonly employed in research for sterile filtration, particle removal and ultracleaning in cell culture purposes, sample preparation and reagents preparation for laboratory experiments. The systems, consumables (filters) and accessories are necessary to perform filtration process. The choice of right filters is important to use in various applications in pharma, biopharma, medical devices and research as it make a huge difference in yields, process economics and product viability.

The life science filtration global market is expected to grow at a double digit CAGR from 2021 to 2028 to reach \$23,684.5 million by 2028. The factors such as growing demand for biologics, increasing investment in research and development (R&D) and expansion of manufacturing facilities, demand for generic pharmaceuticals, rapid growth of medtech industry with increasing disease population, are driving the market, Whereas

increasing utilization single use technologies and advancements in filtration technologies such as development of high capacity membrane filters, changes in pleated geometry, development of advanced pumps and ultrasonic sensor, advancement in membrane technologies and TFF process technologies are providing immense growth opportunities to the market. The high cost of filtration devices, complications associated with filtration and stringent regulations associated with pharma manufacturing and medical device industry are hindering the market growth.

The market for life science filtration is segmented based on products, application, end-user and geography. Based on the products, the market is segmented into filtration systems, consumables and accessories. Among products, filtration consumables segment accounted for the highest revenue in 2021 and is expected to grow at a double digit CAGR from 2021 to 2028. The consumables is further segmented based on filter type and based on filter usage. Based On filter type, the consumables market is segmented into membrane filters and depth filters. Among the filter type, membrane filters segment accounted for the highest revenue in 2021 and is expected to grow at a double digit CAGR from 2021 to 2028. The membrane filters is further segmented based on technology into microfiltration, ultrafiltration and others. Among these, ultrafiltration segment accounted for the highest revenue in 2021 and is expected to grow at a double digit CAGR from 2021 to 2028. Microfiltration is expected to grow at a low teen CAGR from 2021 to 2028. Based on Filter Usage, Consumables are further segmented into reusable filtration and single use filtration. Among these, reusable filtration is accounted for the highest revenue in 2021 and is expected to grow at a high single digit CAGR from 2021 to 2028. Single-Use filtration is expected to grow at a low teen CAGR from 2021 to 2028. The filtration systems global market is further segmented into Direct Flow System (DFF), Tangential Flow System (TFF) and others. Among these, Direct Flow System (DFF) segment accounted for the highest revenue in 2021 and is expected to grow at a high single digit CAGR from 2021 to 2028. Tangential Flow System (TFF) is expected to grow at a double digit CAGR from 2021 to 2028.

Based on applications the life science filtration global market is divided into drug discovery, development and manufacturing, final processing, medical device and others. Among the applications, drug discovery, development and manufacturing, accounted for the highest revenue in 2021 and is expected to grow at a mid teen CAGR from 2021 to 2028. Drug discovery, development and manufacturing segment is further segmented based on molecule into small molecule filtration and large molecule filtration. Among these, large molecule filtration segment is accounted for the highest revenue in 2021 and is expected to grow at a mid teen CAGR from 2021 to 2028.

Based on end users, life science filtration market is segmented into Pharma, Biotech and CMO's, Hospitals, Diagnostic labs & Dialysis Centers and Others. Among these, Pharma, Biotech and CMO's segment is accounted for the highest revenue in 2021 and is expected to grow at a low teen CAGR from 2021 to 2028.

By geography, the life science filtration global market is segmented into North America (U.S. and Rest of North America), Europe (Germany, France, Italy and Rest of Europe), Asia-Pacific (Japan, China, India, and Rest of APAC) and the Rest of the world (Brazil, Rest of Latin America and the Middle East & Africa). North America accounted for the largest revenue in 2021 and is expected to grow at a double digit CAGR from 2021 to 2028. The factors such as increasing health care expenditure, growing pharma R&D expenditure, increasing development of new drugs over the time, growing biopharmaceutical drugs pipelines, presence of number of API manufacturing facilities for all regulated drug products, government support to expand the domestic pharmaceutical manufacturing facilities increasing generics drug approvals, growing medical device industry, rising chronic kidney disease population with increasing dialysis procedures, and adoption of advanced single use technologies by the filtration companies are driving the life science filtration market in the region.

Asia-Pacific is expected to grow at a double digit CAGR from 2021 to 2028 to reach \$XX million by 2028. The factors such as increasing generic pharmaceuticals and vaccines production, number of pharma companies with a strong network of manufacturing facilities, increasing outsourcing with number of CMO's and expanding manufacturing facilities, increasing development of new pharma and biopharma drugs, growing biotech R&D investment, presence of number of innovative biotech startups, presence of dedicated departments to support biotechnology research, increasing government investment to support the pharma and biotech industry, increasing end-stage kidney disease population with demand for dialysis procedures and raising investment by the filtration company to expand their capabilities are driving the life science filtration market in the region.

The life science filtration global market is competitive and all the players in this market are involved in adopting advanced technologies in life science filtration to expand their product portfolio and maintain their market shares.

The key players in the life science filtration global market include 3M Company (U.S.), Asahi Kasei Corporation (Japan), Baxter International Inc. (U.S.), Danaher Corporation (U.S.), Fresenius SE & Co. KGaA (Germany), Merck KGaA (Germany), Nipro Corporation (Japan), Parker-Hannifin Corporation (U.S.), Repligen Corporation (U.S.),

and Sartorius (Germany)

The report provides an in-depth market analysis of the above-mentioned segments across the following region:

North America

U.S.

Rest of North America

Europe

Germany

Italy

France

Rest of Europe

Asia-Pacific

China

Japan

India

Rest of APAC

Rest of the World (RoW)

Brazil

Rest of Latin America

Middle East and Others

## Contents

### 1 EXECUTIVE SUMMARY

### 2 INTRODUCTION

#### 2.1 KEY TAKEAWAYS

#### 2.2 SCOPE OF THE REPORT

#### 2.3 REPORT DESCRIPTION

#### 2.4 MARKETS COVERED

#### 2.5 STAKEHOLDERS

#### 2.6 RESEARCH METHODOLOGY

##### 2.6.1 MARKET SIZE ESTIMATION

##### 2.6.2 MARKET BREAKDOWN AND DATA TRIANGULATION

##### 2.6.3 SECONDARY SOURCES

##### 2.6.4 KEY DATA POINTS FROM SECONDARY SOURCES

##### 2.6.5 PRIMARY SOURCES

##### 2.6.6 KEY DATA POINTS FROM PRIMARY SOURCES

##### 2.6.7 ASSUMPTIONS

### 3 MARKET ANALYSIS

#### 3.1 INTRODUCTION

#### 3.2 MARKET SEGMENTATION

#### 3.3 FACTORS INFLUENCING MARKET

##### 3.3.1 DRIVERS AND OPPORTUNITIES

###### 3.3.1.1 Growing demand for biologics

3.3.1.2 Increasing investment in research and development (R&D) and expansion of manufacturing facilities

###### 3.3.1.3 Demand for generic pharmaceuticals

###### 3.3.1.4 Growing medtech industry with increasing disease population

###### 3.3.1.5 Increasing use of single-use technologies

###### 3.3.1.6 Advancements in filtration technologies

##### 3.3.2 RESTRAINTS AND THREATS

###### 3.3.2.1 Lack of skilled personnel

###### 3.3.2.2 Contamination related issues and high cost associated with filtration device

###### 3.3.2.3 Compliance with stringent regulatory guidelines

#### 3.4 REGULATORY AFFAIRS

##### 3.4.1 UNITED STATES

- 3.4.2 EUROPE
- 3.4.3 JAPAN
- 3.4.4 CHINA
- 3.4.5 INDIA
- 3.5 PORTER'S FIVE FORCE ANALYSIS
  - 3.5.1 THREAT OF NEW ENTRANTS
  - 3.5.2 THREAT OF SUBSTITUTES
  - 3.5.3 BARGAINING POWER OF SUPPLIERS
  - 3.5.4 BARGAINING POWER OF BUYERS
  - 3.5.5 COMPETITIVE RIVALRY
- 3.6 SUPPLY CHAIN ANALYSIS
- 3.7 PATENT ANALYSIS
- 3.8 TECHNOLOGICAL ADVANCEMENTS
  - 3.8.1 INTRODUCTION
  - 3.8.2 ADVANCEMENT IN PLEATED DESIGNS OF FILTER
  - 3.8.3 ADVANCEMENT IN TANGENTIAL FLOW FILTRATION PROCESS OR TECHNOLOGY
  - 3.8.4 ADVANCEMENT MEMBRANE TECHNOLOGY
- 3.9 IMPACT OF COVID-19 ON LIFE SCIENCE FILTRATION MARKET
- 3.10 MARKET SHARE ANALYSIS BY MAJOR PLAYERS

## **4 LIFE SCIENCE FILTRATION GLOBAL MARKET, BASED ON PRODUCTS**

- 4.1 INTRODUCTION
- 4.2 FILTRATION SYSTEMS
  - 4.2.1 DIRECT FLOW SYSTEM (DFF)
  - 4.2.2 TANGENTIAL FLOW SYSTEM (TFF)
  - 4.2.3 OTHERS
- 4.3 FILTRATION CONSUMABLES
  - 4.3.1 BASED ON FILTER TYPE
    - 4.3.1.1 Membrane filters
      - 4.3.1.1.1 Microfiltration
      - 4.3.1.1.2 Ultrafiltration
      - 4.3.1.1.3 Others
    - 4.3.1.2 Depth filters
  - 4.3.2 BASED ON FILTER USAGE
    - 4.3.2.1 Reusable Filtration
    - 4.3.2.2 Single Use Filtration
- 4.4 ACCESSORIES

## **5 LIFE SCIENCE FILTRATION GLOBAL MARKET, BASED ON APPLICATION**

### 5.1 INTRODUCTION

### 5.2 DRUG DISCOVERY, DEVELOPMENT AND MANUFACTURING

#### 5.2.1 SMALL MOLECULE FILTRATION

#### 5.2.2 LARGE MOLECULE FILTRATION

### 5.3 FINAL PROCESSING

### 5.4 MEDICAL DEVICES

### 5.5 OTHERS

## **6 LIFE SCIENCE FILTRATION GLOBAL MARKET, BY END-USERS**

### 6.1 INTRODUCTION

### 6.2 PHARMA, BIOTECH AND CMO'S

### 6.3 HOSPITALS, DIAGNOSTIC LABS & DIALYSIS CENTERS

### 6.4 OTHERS

## **7 REGIONAL ANALYSIS**

### 7.1 INTRODUCTION

### 7.2 NORTH AMERICA

#### 7.2.1 U.S.

#### 7.2.2 REST OF NORTH AMERICA

### 7.3 EUROPE

#### 7.3.1 GERMANY

#### 7.3.2 FRANCE

#### 7.3.3 ITALY

#### 7.3.4 REST OF EUROPE

### 7.4 APAC

#### 7.4.1 JAPAN

#### 7.4.2 CHINA

#### 7.4.3 INDIA

#### 7.4.4 REST OF APAC

### 7.5 REST OF THE WORLD

#### 7.5.1 BRAZIL

#### 7.5.2 REST OF LATIN AMERICA

#### 7.5.3 MIDDLE EAST AND OTHERS

## **8 COMPETITIVE LANDSCAPE**

- 8.1 INTRODUCTION
- 8.2 EXPANSIONS
- 8.3 ACQUISITIONS
- 8.4 NEW PRODUCT LAUNCH
- 8.5 APPORVAL

## **9 MAJOR COMPANIES**

- 9.1 3M COMPANY
  - 9.1.1 OVERVIEW
  - 9.1.2 FINANCIALS
  - 9.1.3 PRODUCT PORTFOLIO
  - 9.1.4 KEY DEVELOPMENTS
  - 9.1.5 BUSINESS STRATEGY
  - 9.1.6 SWOT ANALYSIS
- 9.2 ASAHI KASEI CORPORATION
  - 9.2.1 OVERVIEW
  - 9.2.2 FINANCIALS
  - 9.2.3 PRODUCT PORTFOLIO
  - 9.2.4 KEY DEVELOPMENTS
  - 9.2.5 BUSINESS STRATEGY
  - 9.2.6 SWOT ANALYSIS
- 9.3 BAXTER INTERNATIONAL INC.
  - 9.3.1 OVERVIEW
  - 9.3.2 FINANCIALS
  - 9.3.3 PRODUCT PORTFOLIO
  - 9.3.4 KEY DEVELOPMENTS
  - 9.3.5 BUSINESS STRATEGY
  - 9.3.6 SWOT ANALYSIS
- 9.4 DANAHER CORPORATION
  - 9.4.1 OVERVIEW
  - 9.4.2 FINANCIALS
  - 9.4.3 PRODUCT PORTFOLIO
  - 9.4.4 KEY DEVELOPMENTS
  - 9.4.5 BUSINESS STRATEGY
  - 9.4.6 SWOT ANALYSIS
- 9.5 FRESENIUS SE & CO. KGAA



- 9.5.1 OVERVIEW
- 9.5.2 FINANCIALS
- 9.5.3 PRODUCT PORTFOLIO
- 9.5.4 KEY DEVELOPMENTS
- 9.5.5 BUSINESS STRATEGY
- 9.5.6 SWOT ANALYSIS
- 9.6 MERCK KGAA
  - 9.6.1 OVERVIEW
  - 9.6.2 FINANCIALS
  - 9.6.3 PRODUCT PORTFOLIO
  - 9.6.4 KEY DEVELOPMENTS
  - 9.6.5 BUSINESS STRATEGY
  - 9.6.6 SWOT ANALYSIS
- 9.7 NIPRO CORPORATION
  - 9.7.1 OVERVIEW
  - 9.7.2 FINANCIALS
  - 9.7.3 PRODUCT PORTFOLIO
  - 9.7.4 KEY DEVELOPMENTS
  - 9.7.5 BUSINESS STRATEGY
  - 9.7.6 SWOT ANALYSIS
- 9.8 PARKER-HANNIFIN CORPORATION
  - 9.8.1 OVERVIEW
  - 9.8.2 FINANCIALS
  - 9.8.3 PRODUCT PORTFOLIO
  - 9.8.4 KEY DEVELOPMENTS
  - 9.8.5 BUSINESS STRATEGY
  - 9.8.6 SWOT ANALYSIS
- 9.9 REPLIGEN CORPORATION
  - 9.9.1 OVERVIEW
  - 9.9.2 FINANCIALS
  - 9.9.3 PRODUCT PORTFOLIO
  - 9.9.4 KEY DEVELOPMENTS
  - 9.9.5 BUSINESS STRATEGY
  - 9.9.6 SWOT ANALYSIS
- 9.10 SARTORIUS
  - 9.10.1 OVERVIEW
  - 9.10.2 FINANCIALS
  - 9.10.3 PRODUCT PORTFOLIO
  - 9.10.4 KEY DEVELOPMENTS

9.10.5 BUSINESS STRATEGY

9.10.6 SWOT ANALYSIS

## List Of Tables

### LIST OF TABLES

TABLE 1 LIFE SCIENCE FILTRATION GLOBAL MARKET REVENUE, BASED ON REGION, (2020-2028) (\$MN)

TABLE 2 LIFE SCIENCE FILTRATION GLOBAL MARKET REVENUE, BASED ON PRODUCTS, (2020-2028) (\$MN)

TABLE 3 FILTRATION SYSTEMS GLOBAL MARKET REVENUE, BASED ON TYPE, (2020-2028) (\$MN)

TABLE 4 FILTRATION SYSTEMS MARKET REVENUE, BASED ON REGION, (2020-2028) (\$MN)

TABLE 5 DIRECT FLOW SYSTEM (DFF) MARKET REVENUE, BASED ON REGION, (2020-2028) (\$MN)

TABLE 6 TANGENTIAL FLOW SYSTEM (TFF) MARKET REVENUE, BASED ON REGION, (2020-2028) (\$MN)

TABLE 7 OTHERS MARKET REVENUE, BASED ON REGION, (2020-2028) (\$MN)

TABLE 8 FILTRATION CONSUMABLES GLOBAL MARKET REVENUE, BASED ON REGION, (2020-2028) (\$MN)

TABLE 9 CONSUMABLES GLOBAL MARKET REVENUE, BASED ON FILTER TYPE, (2020-2028) (\$MN)

TABLE 10 MEMBRANE FILTERS GLOBAL MARKET REVENUE, BASED ON TECHNIQUE, (2020-2028) (\$MN)

TABLE 11 MEMBRANE FILTERS GLOBAL MARKET REVENUE, BASED ON REGION, (2020-2028) (\$MN)

TABLE 12 MICROFILTRATION GLOBAL MARKET REVENUE, BASED ON REGION, (2020-2028) (\$MN)

TABLE 13 ULTRAFILTRATION GLOBAL MARKET REVENUE, BASED ON REGION, (2020-2028) (\$MN)

TABLE 14 OTHERS GLOBAL MARKET REVENUE, BASED ON REGION, (2020-2028) (\$MN)

TABLE 15 DEPTH FILTERS GLOBAL MARKET REVENUE, BASED ON REGION, (2020-2028) (\$MN)

TABLE 16 CONSUMABLES MARKET REVENUE, BASED ON FILTER USAGE, (2020-2028) (\$MN)

TABLE 17 REUSABLE FILTRATION GLOBAL MARKET REVENUE, BASED ON REGION, (2020-2028) (\$MN)

TABLE 18 SINGLE USE FILTRATION GLOBAL MARKET REVENUE, BASED ON REGION, (2020-2028) (\$MN)

TABLE 19 ACCESSORIES GLOBAL MARKET REVENUE, BASED ON REGION, (2020-2028) (\$MN)

TABLE 20 LIFE SCIENCE FILTRATION GLOBAL MARKET REVENUE, BASED ON APPLICATION, (2020-2028) (\$MN)

TABLE 21 DRUG DISCOVERY, DEVELOPMENT AND MANUFACTURING GLOBAL MARKET REVENUE, BASED ON MOLECULES, (2020-2028) (\$MN)

TABLE 22 DRUG DISCOVERY, DEVELOPMENT AND MANUFACTURING GLOBAL MARKET REVENUE, BASED ON REGION, (2020-2028) (\$MN)

TABLE 23 SMALL MOLECULE FILTRATION GLOBAL MARKET REVENUE, BASED ON REGION, (2020-2028) (\$MN)

TABLE 24 LARGE MOLECULE FILTRATION GLOBAL MARKET REVENUE, BASED ON REGION, (2020-2028) (\$MN)

TABLE 25 FINAL PROCESSING GLOBAL MARKET REVENUE, BASED ON REGION, (2020-2028) (\$MN)

TABLE 26 MEDICAL DEVICES GLOBAL MARKET REVENUE, BASED ON REGION, (2020-2028) (\$MN)

TABLE 27 OTHERS GLOBAL MARKET REVENUE, BASED ON REGION, (2020-2028) (\$MN)

TABLE 28 LIFE SCIENCE FILTRATION GLOBAL MARKET REVENUE, BASED ON END-USERS, (2020-2028) (\$MN)

TABLE 29 PHARMA, BIOTECH AND CMO'S GLOBAL MARKET REVENUE, BASED ON REGION, (2020-2028) (\$MN)

TABLE 30 HOSPITALS, DIAGNOSTIC LABS & DIALYSIS CENTERS GLOBAL MARKET REVENUE, BASED ON REGION, (2020-2028) (\$MN)

TABLE 31 OTHERS GLOBAL MARKET REVENUE, BASED ON REGION, (2020-2028) (\$MN)

TABLE 32 LIFE SCIENCE FILTRATION GLOBAL MARKET REVENUE, BASED ON REGION, (2020-2028) (\$MN)

TABLE 33 NORTH AMERICA LIFE SCIENCE FILTRATION MARKET REVENUE, BASED ON PRODUCTS (2020-2028) (\$MN)

TABLE 34 NORTH AMERICA FILTRATION SYSTEMS MARKET REVENUE, BASED ON TYPE (2020-2028) (\$MN)

TABLE 35 NORTH AMERICA CONSUMABLES MARKET REVENUE, BASED ON FILTER TYPE (2020-2028) (\$MN)

TABLE 36 NORTH AMERICA MEMBRANE FILTERS MARKET REVENUE, BASED ON TECHNIQUE (2020-2028) (\$MN)

TABLE 37 NORTH AMERICA CONSUMABLES MARKET REVENUE, BASED ON FILTER USAGE (2020-2028) (\$MN)

TABLE 38 NORTH AMERICA LIFE SCIENCE FILTRATION MARKET REVENUE,

BASED ON APPLICATION, (2020-2028) (\$MN)

TABLE 39 NORTH AMERICA DRUG DISCOVERY, DEVELOPMENT AND MANUFACTURING MARKET REVENUE, BASED ON MOLECULE, (2020-2028) (\$MN)

TABLE 40 NORTH AMERICA LIFE SCIENCE FILTRATION MARKET REVENUE, BASED ON END-USER, (2020-2028) (\$MN)

TABLE 41 NORTH AMERICA LIFE SCIENCE FILTRATION MARKET REVENUE, BASED ON COUNTRY (2020-2028) (\$MN)

TABLE 42 EUROPE LIFE SCIENCE FILTRATION MARKET REVENUE, BASED ON PRODUCTS (2020-2028) (\$MN)

TABLE 43 EUROPE FILTRATION SYSTEMS MARKET REVENUE, BASED ON TYPE (2020-2028) (\$MN)

TABLE 44 EUROPE CONSUMABLES MARKET REVENUE, BASED ON FILTER TYPE (2020-2028) (\$MN)

TABLE 45 EUROPE MEMBRANE FILTERS MARKET REVENUE, BASED ON TECHNIQUE (2020-2028) (\$MN)

TABLE 46 EUROPE CONSUMABLES MARKET REVENUE, BASED ON FILTER USAGE (2020-2028) (\$MN)

TABLE 47 EUROPE LIFE SCIENCE FILTRATION MARKET REVENUE, BASED ON APPLICATION, (2020-2028) (\$MN)

TABLE 48 EUROPE DRUG DISCOVERY, DEVELOPMENT AND MANUFACTURING MARKET REVENUE, BASED ON MOLECULE, (2020-2028) (\$MN)

TABLE 49 EUROPE LIFE SCIENCE FILTRATION MARKET REVENUE, BASED ON END-USER, (2020-2028) (\$MN)

TABLE 50 EUROPE LIFE SCIENCE FILTRATION MARKET REVENUE, BASED ON COUNTRY (2020-2028) (\$MN)

TABLE 51 APAC LIFE SCIENCE FILTRATION MARKET REVENUE, BASED ON PRODUCTS (2020-2028) (\$MN)

TABLE 52 APAC FILTRATION SYSTEMS MARKET REVENUE, BASED ON TYPE (2020-2028) (\$MN)

TABLE 53 APAC CONSUMABLES MARKET REVENUE, BASED ON FILTER TYPE (2020-2028) (\$MN)

TABLE 54 APAC MEMBRANE FILTERS MARKET REVENUE, BASED ON TECHNIQUE (2020-2028) (\$MN)

TABLE 55 APAC CONSUMABLES MARKET REVENUE, BASED ON FILTER USAGE (2020-2028) (\$MN)

TABLE 56 APAC LIFE SCIENCE FILTRATION MARKET REVENUE, BASED ON APPLICATION, (2020-2028) (\$MN)

TABLE 57 APAC DRUG DISCOVERY, DEVELOPMENT AND MANUFACTURING MARKET REVENUE, BASED ON MOLECULE, (2020-2028) (\$MN)

TABLE 58 APAC LIFE SCIENCE FILTRATION MARKET REVENUE, BASED ON END-USER, (2020-2028) (\$MN)

TABLE 59 APAC LIFE SCIENCE FILTRATION MARKET REVENUE, BASED ON COUNTRY (2020-2028) (\$MN)

TABLE 60 ROW LIFE SCIENCE FILTRATION MARKET REVENUE, BASED ON PRODUCTS (2020-2028) (\$MN)

TABLE 61 ROW FILTRATION SYSTEMS MARKET REVENUE, BASED ON TYPE (2020-2028) (\$MN)

TABLE 62 ROW CONSUMABLES MARKET REVENUE, BASED ON FILTER TYPE (2020-2028) (\$MN)

TABLE 63 ROW MEMBRANE FILTERS MARKET REVENUE, BASED ON TECHNIQUE (2020-2028) (\$MN)

TABLE 64 ROW CONSUMABLES MARKET REVENUE, BASED ON FILTER USAGE (2020-2028) (\$MN)

TABLE 65 ROW LIFE SCIENCE FILTRATION MARKET REVENUE, BASED ON APPLICATION, (2020-2028) (\$MN)

TABLE 66 ROW DRUG DISCOVERY, DEVELOPMENT AND MANUFACTURING MARKET REVENUE, BASED ON MOLECULE, (2020-2028) (\$MN)

TABLE 67 ROW LIFE SCIENCE FILTRATION MARKET REVENUE, BASED ON END-USER, (2020-2028) (\$MN)

TABLE 68 ROW LIFE SCIENCE FILTRATION MARKET REVENUE, BASED ON COUNTRY (2020-2028) (\$MN)

TABLE 69 ACQUISITION (2020 – 2021)

TABLE 70 NEW PRODUCT LAUNCH (2020 – 2021)

TABLE 71 3M COMPANY : TOTAL REVENUE AND R&D EXPENSES, (2020-2021) (\$MN)

TABLE 72 3M COMPANY : TOTAL REVENUE, BY SEGMENTS, (2020-2021)(\$MN)

TABLE 73 3M COMPANY : TOTAL REVENUE, BY GEOGRAPHY, (2020-2021) (\$MN)

TABLE 74 ASAHI KASEI CORPORATION: TOTAL REVENUE AND R&D EXPENSES, (2020-2021) (Q3) (\$MN)

TABLE 75 ASAHI KASEI CORPORATION: TOTAL REVENUE, BY SEGMENTS, (2020-2021) (Q3) (\$MN)

TABLE 76 ASAHI KASEI CORPORATION: TOTAL REVENUE, BY GEOGRAPHY, (2020-2021) (Q3) (\$MN)

TABLE 77 BAXTER INTERNATIONAL INC.: TOTAL REVENUE AND R&D EXPENSES, (2020-2021) (\$MN)

TABLE 78 BAXTER INTERNATIONAL INC. : TOTAL REVENUE, BY SEGMENTS, (2020-2021) (\$MN)

TABLE 79 BAXTER INTERNATIONAL INC.: TOTAL REVENUE, BY GEOGRAPHY,

(2020-2021) (\$MN)

TABLE 80 DANAHER CORPORATION: TOTAL REVENUE AND R&D EXPENSES,  
(2020-2021) (\$MN)

TABLE 81 DANAHER CORPORATION: TOTAL REVENUE, BY SEGMENTS,  
(2020-2021) (\$MN)

TABLE 82 DANAHER CORPORATION: TOTAL REVENUE, BY GEOGRAPHY,  
(2020-2021) (\$MN)

TABLE 83 FRESENIUS SE & CO. KGAA: TOTAL REVENUE AND R&D EXPENSES  
(2020-2021) (\$MN)

TABLE 84 FRESENIUS SE & CO. KGAA: TOTAL REVENUE, BY SEGMENT,  
(2020-2021) (\$MN)

TABLE 85 FRESENIUS SE & CO. KGAA: TOTAL REVENUE, BY GEOGRAPHY  
(2019-2021) (\$MN)

TABLE 86 MERCK KGAA: TOTAL REVENUE AND R&D EXPENSES, (2020-2021)  
(\$MN)

TABLE 87 MERCK KGAA: TOTAL REVENUE, BY SEGMENTS, (2020-2021)(\$MN)

TABLE 88 MERCK KGAA: TOTAL REVENUE, BY SUB-SEGMENTS, (2020-2021)  
(\$MN)

TABLE 89 MERCK KGAA: TOTAL REVENUE, BY GEOGRAPHY, (2020-2021) (\$MN)

TABLE 90 NIPRO CORPORATION: TOTAL REVENUE AND R&D EXPENSES,  
(2020-2021) (\$MN)

TABLE 91 NIPRO CORPORATION: TOTAL REVENUE, BY SEGMENTS,  
(2020-2021)(\$MN)

TABLE 92 NIPRO CORPORATION: TOTAL REVENUE, BY GEOGRAPHY,  
(2020-2021) (\$MN)

TABLE 93 PARKER-HANNIFIN CORPORATION: TOTAL REVENUE AND R&D  
EXPENSES (2021-2022) (Q2) (\$MN)

TABLE 94 PARKER-HANNIFIN CORPORATION: TOTAL REVENUE, BY SEGMENT,  
(2021-2022)(Q2) (\$MN)

TABLE 95 PARKER-HANNIFIN CORPORATION: TOTAL REVENUE, BY SUB-  
SEGMENT, (2021-2022)(Q2) (\$MN)

TABLE 96 PARKER-HANNIFIN CORPORATION: TOTAL REVENUE, BY  
GEOGRAPHY, (2020-2021) (\$MN)

TABLE 97 REPLIGEN CORPORATION: TOTAL REVENUE AND R&D EXPENSES  
(2020-2021) (\$MN)

TABLE 98 REPLIGEN CORPORATION: TOTAL REVENUE, BY SEGMENT,  
(2020-2021) (\$MN)

TABLE 99 REPLIGEN CORPORATION: TOTAL REVENUE, BY GEOGRAPHY,  
(2020-2021) (\$MN)

TABLE 100 SARTORIUS: TOTAL REVENUE AND R&D EXPENSES (2020-2021)  
(\$MN)

TABLE 101 SARTORIUS: TOTAL REVENUE, BY SEGMENT, (2020-2021) (\$MN)

TABLE 102 SARTORIUS: TOTAL REVENUE, BY GEOGRAPHY, (2020-2021) (\$MN)



## List Of Figures

### LIST OF FIGURES

FIGURE 1 LIFE SCIENCE FILTRATION GLOBAL MARKET SHARE AND REVENUE, BASED ON REGION, (2020-2028) (\$MN)

FIGURE 2 RESEARCH METHODOLOGY: LIFE SCIENCE FILTRATION GLOBAL MARKET

FIGURE 3 LIFE SCIENCE FILTRATION GLOBAL MARKET: TOP-DOWN AND BOTTOM-UP APPROACH

FIGURE 4 LIFE SCIENCE FILTRATION GLOBAL MARKET: FORECASTING MODEL

FIGURE 5 LIFE SCIENCE FILTRATION: MARKET BREAKDOWN & DATA TRIANGULATION

FIGURE 6 LIFE SCIENCE FILTRATION GLOBAL MARKET: MARKET SEGMENTATION

FIGURE 7 MARKET DYNAMICS

FIGURE 8 LIFE SCIENCE FILTRATION GLOBAL MARKET: PORTER'S ANALYSIS

FIGURE 9 LIFE SCIENCE FILTRATION GLOBAL MARKET: SUPPLY CHAIN ANALYSIS

FIGURE 10 LIFE SCIENCE FILTRATION MARKET: PATENT FILING BY MAJOR PLAYERS (2017-2021)

FIGURE 11 LIFE SCIENCE FILTRATION GLOBAL MARKET SHARE ANALYSIS, BY KEY PLAYERS, (2021)

FIGURE 12 LIFE SCIENCE FILTRATION GLOBAL MARKET SHARE, BASED ON PRODUCTS, CONSUMABLES AND SYSTEM TYPE (2021) (%)

FIGURE 13 OTHERS GLOBAL MARKET SHARE, BASED ON REGION, (2021 VS 2028) (%)

FIGURE 14 FILTRATION CONSUMABLES GLOBAL MARKET SHARE, BASED ON REGION, (2021 VS 2028) (%)

FIGURE 15 MEMBRANE FILTERS GLOBAL MARKET SHARE, BASED ON TECHNIQUE, (2021 VS 2028) (%)

FIGURE 16 MEMBRANE FILTERS GLOBAL MARKET SHARE, BASED ON REGION, (2021 VS 2028) (%)

FIGURE 17 MICROFILTRATION GLOBAL MARKET SHARE, BASED ON REGION, (2021 VS 2028) (%)

FIGURE 18 ULTRAFILTRATION GLOBAL MARKET SHARE, BASED ON REGION, (2021 VS 2028) (%)

FIGURE 19 DEPTH FILTERS GLOBAL MARKET SHARE, BASED ON REGION, (2021 VS 2028) (%)

FIGURE 20 CONSUMABLES GLOBAL MARKET SHARE, BASED ON FILTER USAGE, (2021 V/S 2028) (%)

FIGURE 21 REUSABLE FILTRATION GLOBAL MARKET SHARE, BASED ON REGION, (2021 VS 2028) (%)

FIGURE 22 SINGLE USE FILTRATION GLOBAL MARKET SHARE, BASED ON REGION, (2021 VS 2028) (%)

FIGURE 23 ACCESSORIES GLOBAL MARKET SHARE, BASED ON REGION, (2021 VS 2028) (%)

FIGURE 24 LIFE SCIENCE FILTRATION GLOBAL MARKET SHARE, BASED ON APPLICATION, (2021 V/S 2028) (%)

FIGURE 25 DRUG DISCOVERY, DEVELOPMENT AND MANUFACTURING GLOBAL MARKET SHARE, BASED ON MOLECULES, (2021 V/S 2028) (%)

FIGURE 26 DRUG DISCOVERY, DEVELOPMENT AND MANUFACTURING GLOBAL MARKET SHARE, BASED ON REGION, (2021 VS 2028) (%)

FIGURE 27 SMALL MOLECULE FILTRATION GLOBAL MARKET SHARE, BASED ON REGION, (2021 VS 2028) (%)

FIGURE 28 LARGE MOLECULE FILTRATION GLOBAL MARKET SHARE, BASED ON REGION, (2021 VS 2028) (%)

FIGURE 29 MEDICAL DEVICES GLOBAL MARKET SHARE, BASED ON REGION, (2021 VS 2028) (%)

FIGURE 30 MEDICAL DEVICES GLOBAL MARKET SHARE AND REVENUE, BASED ON TYPE, (2021 VS 2028) (\$ MN) (%)

FIGURE 31 OTHERS GLOBAL MARKET SHARE, BASED ON REGION, (2021 VS 2028) (%)

FIGURE 32 LIFE SCIENC FILTRATION GLOBAL MARKET SHARE, BASED ON END-USERS, (2021 V/S 2028) (%)

FIGURE 33 PHARMA, BIOTECH AND CMO'S GLOBAL MARKET SHARE, BASED ON REGION, (2021 VS 2028) (%)

FIGURE 34 HOSPITALS, DIAGNOSTIC LABS & DIALYSIS CENTERS GLOBAL MARKET SHARE, BASED ON REGION, (2021 VS 2028) (%)

FIGURE 35 OTHERS GLOBAL MARKET SHARE, BASED ON REGION, (2021 VS 2028) (%)

FIGURE 36 LIFE SCIENCE FILTRATION GLOBAL MARKET REVENUE, BY REGION (2020-2028) (\$MN), CAGR (%)

FIGURE 37 LIFE SCIENCE FILTRATION GLOBAL MARKET REVENUE, BY GEOGRAPHY (2021) (\$ MN)

FIGURE 38 NORTH AMERICA LIFE SCIENCE FILTRATION MARKET SHARE, BASED ON PRODUCTS, CONSUMABLES AND SYSTEM TYPE (2021) (%)

FIGURE 39 NORTH AMERICA MEMBRANE FILTERS MARKET SHARE, BASED ON

TECHNIQUE (2021 VS 2028) (%)

FIGURE 40 NORTH AMERICA CONSUMABLES MARKET SHARE, BASED ON FILTER USAGE (2021 VS 2028) (%)

FIGURE 41 NORTH AMERICA LIFE SCIENCE FILTRATION MARKET SHARE, BASED ON APPLICATION (2021 VS 2028) (%)

FIGURE 42 NORTH AMERICA DRUG DISCOVERY, DEVELOPMENT AND MANUFACTURING MARKET SHARE, BASED ON MOLECULES (2021 VS 2028) (%)

FIGURE 43 NORTH AMERICA LIFE SCIENCE FILTRATION MARKET SHARE, BASED ON END-USER (2021 VS 2028) (%)

FIGURE 44 NORTH AMERICA LIFE SCIENCE FILTRATION MARKET SHARE, BASED ON COUNTRY (2021 V/S 2028) (%)

FIGURE 45 U.S. LIFE SCIENCE FILTRATION MARKET REVENUE, BASED ON PRODUCTS & APPLICATION (2021 VS 2028)(\$MN)

FIGURE 46 U.S. LIFE SCIENCE FILTRATION MARKET REVENUE, BASED ON END-USER (2021 VS 2028)(\$MN)

FIGURE 47 REST OF NORTH AMERICA LIFE SCIENCE FILTRATION MARKET REVENUE, BASED ON PRODUCTS AND APPLICATION (2021 VS 2028) (\$MN)

FIGURE 48 REST OF NORTH AMERICA LIFE SCIENCE FILTRATION MARKET REVENUE, BASED ON END-USER (2021 VS 2028) (\$MN)

FIGURE 49 EUROPE LIFE SCIENCE FILTRATION MARKET SHARE, BASED ON PRODUCTS, CONSUMABLES AND SYSTEM TYPE (2021) (%)

FIGURE 50 EUROPE MEMBRANE FILTERS MARKET SHARE, BASED ON TECHNIQUE (2021 VS 2028) (%)

FIGURE 51 EUROPE CONSUMABLES MARKET SHARE, BASED ON FILTER USAGE (2021 VS 2028) (%)

FIGURE 52 EUROPE LIFE SCIENCE FILTRATION MARKET SHARE, BASED ON APPLICATION (2021 VS 2028) (%)

FIGURE 53 EUROPE DRUG DISCOVERY, DEVELOPMENT AND MANUFACTURING MARKET SHARE, BASED ON MOLECULES (2021 VS 2028) (%)

FIGURE 54 EUROPE LIFE SCIENCE FILTRATION MARKET SHARE, BASED ON END-USER (2021 VS 2028) (%)

FIGURE 55 EUROPE LIFE SCIENCE FILTRATION MARKET SHARE, BASED ON COUNTRY (2021 V/S 2028) (%)

FIGURE 56 GERMANY LIFE SCIENCE FILTRATION MARKET REVENUE, BASED ON PRODUCTS & APPLICATION (2021 VS 2028) (\$MN)

FIGURE 57 GERMANY LIFE SCIENCE FILTRATION MARKET REVENUE, BASED ON END-USER (2021 VS 2028) (\$MN)

FIGURE 58 FRANCE LIFE SCIENCE FILTRATION MARKET REVENUE, BASED ON PRODUCTS & APPLICATION (2021 VS 2028) (\$MN)

FIGURE 59 FRANCE LIFE SCIENCE FILTRATION MARKET REVENUE, BASED ON END-USER (2021 VS 2028) (\$MN)

FIGURE 60 ITALY LIFE SCIENCE FILTRATION MARKET REVENUE, BASED ON PRODUCTS & APPLICATION (2021 VS 2028) (\$MN)

FIGURE 61 ITALY LIFE SCIENCE FILTRATION MARKET REVENUE, BASED ON END-USER (2021 VS 2028) (\$MN)

FIGURE 62 REST OF EUROPE LIFE SCIENCE FILTRATION MARKET REVENUE, BASED ON PRODUCTS & APPLICATION (2021 VS 2028) (\$MN)

FIGURE 63 REST OF EUROPE LIFE SCIENCE FILTRATION MARKET REVENUE, BASED ON END-USER (2021 VS 2028) (\$MN)

FIGURE 64 APAC LIFE SCIENCE FILTRATION MARKET SHARE, BASED ON PRODUCTS, CONSUMABLES AND SYSTEM TYPE (2021) (%)

FIGURE 65 APAC MEMBRANE FILTERS MARKET SHARE, BASED ON TECHNIQUE (2021 VS 2028) (%)

FIGURE 66 APAC CONSUMABLES MARKET SHARE, BASED ON FILTER USAGE (2021 VS 2028) (%)

FIGURE 67 APAC LIFE SCIENCE FILTRATION MARKET SHARE, BASED ON APPLICATION (2021 VS 2028) (%)

FIGURE 68 APAC DRUG DISCOVERY, DEVELOPMENT AND MANUFACTURING MARKET SHARE, BASED ON MOLECULES (2021 VS 2028) (%)

FIGURE 69 APAC LIFE SCIENCE FILTRATION MARKET SHARE, BASED ON END-USER (2021 VS 2028) (%)

FIGURE 70 APAC LIFE SCIENCE FILTRATION MARKET SHARE, BASED ON COUNTRY (2021 V/S 2028) (%)

FIGURE 71 JAPAN LIFE SCIENCE FILTRATION MARKET REVENUE, BASED ON PRODUCTS & APPLICATION (2021 VS 2028) (\$MN)

FIGURE 72 JAPAN LIFE SCIENCE FILTRATION MARKET REVENUE, BASED ON END-USER (2021 VS 2028) (\$MN)

FIGURE 73 CHINA LIFE SCIENCE FILTRATION MARKET REVENUE, BASED ON PRODUCTS & APPLICATION (2021 VS 2028) (\$MN)

FIGURE 74 CHINA LIFE SCIENCE FILTRATION MARKET REVENUE, BASED ON END-USER (2021 VS 2028) (\$MN)

FIGURE 75 INDIA LIFE SCIENCE FILTRATION MARKET REVENUE, BASED PRODUCTS & APPLICATION (2021 VS 2028) (\$MN)

FIGURE 76 INDIA LIFE SCIENCE FILTRATION MARKET REVENUE, BASED ON END-USER (2021 VS 2028) (\$MN)

FIGURE 77 REST OF APAC COUNTRIES LIFE SCIENCE FILTRATION MARKET REVENUE, BASED ON PRODUCTS & APPLICATION, (2021 VS 2028) (\$MN)

FIGURE 78 REST OF APAC LIFE SCIENCE FILTRATION MARKET REVENUE,

BASED ON END-USER (2021 VS 2028) (\$MN)

FIGURE 79 ROW LIFE SCIENCE FILTRATION MARKET SHARE, BASED ON PRODUCTS, CONSUMABLES AND SYSTEM TYPE (2021) (%)

FIGURE 80 ROW MEMBRANE FILTERS MARKET SHARE, BASED ON TECHNIQUE (2021 VS 2028) (%)

FIGURE 81 ROW CONSUMABLES MARKET SHARE, BASED ON FILTER USAGE (2021 VS 2028) (%)

FIGURE 82 ROW LIFE SCIENCE FILTRATION MARKET SHARE, BASED ON APPLICATION (2021 VS 2028) (%)

FIGURE 83 ROW DRUG DISCOVERY, DEVELOPMENT AND MANUFACTURING MARKET SHARE, BASED ON MOLECULES (2021 VS 2028) (%)

FIGURE 84 ROW LIFE SCIENCE FILTRATION MARKET SHARE, BASED ON END-USER (2021 VS 2028) (%)

FIGURE 85 ROW LIFE SCIENCE FILTRATION MARKET SHARE, BASED ON COUNTRY (2021 V/S 2028) (%)

FIGURE 86 BRAZIL LIFE SCIENCE FILTRATION MARKET REVENUE, BASED ON PRODUCTS & APPLICATION (2021 VS 2028) (\$MN)

FIGURE 87 BRAZIL LIFE SCIENCE FILTRATION MARKET REVENUE, BASED ON ENDUSER (2021 VS 2028) (\$MN)

FIGURE 88 REST OF LATIN AMERICA LIFE SCIENCE FILTRATION MARKET REVENUE, BASED ON PRODUCTS & APPLICATION (2021 VS 2028) (\$MN)

FIGURE 89 REST OF LATIN AMERICA LIFE SCIENCE FILTRATION MARKET REVENUE, BASED ON ENDUSER (2021 VS 2028) (\$MN)

FIGURE 90 MIDDLE EAST AND OTHERS LIFE SCIENCE FILTRATION MARKET REVENUE, BASED ON PRODUCTS & APPLICATION (2021 VS 2028) (\$MN)

FIGURE 91 MIDDLE EAST AND OTHERS LIFE SCIENCE FILTRATION MARKET REVENUE, BASED ON ENDUSER (2021 VS 2028) (\$MN)

FIGURE 92 KEY GROWTH STRATEGIES, (2020 – 2021)

FIGURE 93 EXPANSIONS (2020 – 2021)

FIGURE 94 SWOT: 3M COMPANY

FIGURE 95 SWOT: ASAHI KASEI CORPORATION

FIGURE 96 SWOT: BAXTER INTERNATIONAL INC

FIGURE 97 SWOT: DANAHER CORPORATION

FIGURE 98 SWOT: FRESENIUS SE & CO. KGAA

FIGURE 99 SWOT: MERCK KGAA

FIGURE 100 SWOT: NIPRO CORPORATION

FIGURE 101 SWOT: PARKER-HANNIFIN CORPORATION

FIGURE 102 SWOT: REPLIGEN CORPORATION

FIGURE 103 SWOT: SARTORIUS

## I would like to order

Product name: Life Science Filtration Global Market - Forecast To 2028

Product link: <https://marketpublishers.com/r/L3685C1F9FF6EN.html>

Price: US\$ 4,950.00 (Single User License / Electronic Delivery)

If you want to order Corporate License or Hard Copy, please, contact our Customer Service:

[info@marketpublishers.com](mailto:info@marketpublishers.com)

## Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <https://marketpublishers.com/r/L3685C1F9FF6EN.html>

To pay by Wire Transfer, please, fill in your contact details in the form below:

First name:  
Last name:  
Email:  
Company:  
Address:  
City:  
Zip code:  
Country:  
Tel:  
Fax:  
Your message:

**\*\*All fields are required**

Customer signature \_\_\_\_\_

Please, note that by ordering from marketpublishers.com you are agreeing to our Terms & Conditions at <https://marketpublishers.com/docs/terms.html>

To place an order via fax simply print this form, fill in the information below and fax the completed form to +44 20 7900 3970