Laboratory Filtration Market by Technology (Ultrafiltration, Microfiltration, Nanofiltration, Reverse Osmosis), by Product & by End User - Global Forecast to 2021

Description:

“The Laboratory Filtration Market, By Technology (Ultrafiltration, Microfiltration, Nanofiltration, Reverse Osmosis), By Product (Assembly, Filter Paper, Membrane, Syringe Filters, Filtration Microplate, Accessories), & By End User - Global Forecast to 2021”

The global laboratory filtration market is projected to grow at a strong CAGR during the forecast period of 2015-2021, to reach USD 2.89 billion by 2021. The market is mainly driven by rising purity requirements in end-user markets, the increasing research activities in pharmaceutical and biotechnology industries, and growing demand for biopharmaceutical molecules for therapeutic and diagnostic applications. However, high price sensitivity among the end users and technological developments cutting down the use of the membrane filtration technology may hamper the growth of the market to a certain extent.

In this report, the global laboratory filtration market is segmented by technology, product, end user, and region. The laboratory filtration market is classified by technology into microfiltration, reverse osmosis, ultrafiltration, vacuum filtration, and nanofiltration. On the basis of type of product, the laboratory filtration market covers filtration assemblies, filtration media, and filtration accessories. The filtration assemblies market is further divided into microfiltration assemblies, reverse osmosis assemblies, ultrafiltration assemblies, vacuum filtration assemblies, and other filtration assemblies. The filtration media market is subdivided into filter papers (cellulose filter papers, glass microfiber filter papers, and quartz filter papers), membrane filters, syringe filters, syringeless filters, capsule filters, filtration microplates, and others. The filtration accessories market is subdivided into filter holders, filter funnels, membrane dispensers, filter flasks, filter housings, cartridges, vacuum pumps, seals, and others filtration accessories.

The microfiltration technology segment accounted for the largest share of laboratory filtration market in 2015 and is expected to continue to dominate the market in 2021. The increasing use of microfiltration membranes as a prefilter to ultrafiltration and reverse osmosis processes is a primary market driver for this segment. The ultrafiltration technology segment is expected to witness the highest growth during the forecast period, primarily due to its increasing use for concentration of samples for chromatography, crystallography, structural analysis, or protein assays; fractionation of peptides in dilute samples; removal of analytes from samples; and desalting and buffer exchange applications in laboratories.

North America dominated the global laboratory filtration market in 2015, followed by Europe. Developed geographies like North America and Europe are likely to grow at a lower CAGR as compared to the Asia-Pacific market. The rapid growth in Asia-Pacific region is largely driven by the growth in research activities and pharmaceutical manufacturing.

The major players in the laboratory filtration market include Merck Millipore (U.S), Pall Corporation (U.S.), GE Healthcare (U.S.), Sartorius Group (Germany), 3M Purification (U.S.), Thermo Fisher Scientific (U.S.), Cantel Medical Corp. (U.S.), and Sigma-Aldrich Corporation (U.S.).

Reasons to Buy the Report

The report will enrich both established firms as well as new entrants/smaller firms to gauge the pulse of the market which in turn would help the firms in garnering a greater market share. Firms purchasing the report could use any one or combination of the below mentioned five strategies (market penetration, product development/innovation, market development, market diversification, and competitive assessment) for reaping a greater market share.

This report provides insights on the following pointers:

- Market Penetration: Comprehensive information on product portfolios offered by the top players in the laboratory filtration market. The report analyzes the laboratory filtration market by technology, products, and end users across all regions.
- Product Development/Innovation: Detailed insights on the upcoming trends, R&D activities, and new product launches in the laboratory filtration market.
- Market Development: Comprehensive information of the lucrative emerging markets.
- Market Diversification: Exhaustive information of new products, growing regions, recent developments, and investments in the laboratory filtration market.
- Competitive Assessment: In-depth assessment of market shares, growth strategies, products, distribution networks, manufacturing capabilities, and SWOT analyses of the leading players in the laboratory filtration market.

Contents:

1 Introduction
1.1 Objectives Of The Study
1.2 Market Definition
1.3 Market Scope
1.3.1 Markets Covered
1.3.2 Years Considered For The Study
1.4 Currency
1.5 Stakeholders
2 Research Methodology
2.1 Research Approach
2.1.1 Key Data From Secondary Sources
2.1.2 Key Data From Primary Sources
2.1.2.1 Key Industry Insights
2.2 Market Size Estimation
2.3 Market Breakdown And Data Triangulation
2.4 Market Share Estimation
2.5 Assumptions For The Study
3 Executive Summary
4 Premium Insights
4.1 Laboratory Filtration Market Overview
4.2 Global Laboratory Filtration Market, 2016 Vs. 2021
4.3 Laboratory Filtration Market: Geographic Growth Opportunities
4.4 Laboratory Filtration Market: Geographic Mix
4.5 Laboratory Filtration Market: Developing Vs. Developed Countries
5 Market Overview
5.1 Introduction
5.2 Market Segmentation
5.2.1 By Product
5.2.2 By Technology
5.2.3 By End User
5.3 Market Dynamics
5.3.1 Market Drivers
5.3.1.1 Increasing Purity Requirements In End-User Segments
5.3.1.2 Increasing Focus On Developing Large-Molecule Biopharmaceuticals
5.3.1.3 Increasing Funding For Research
5.3.2 Market Restraints
5.3.2.1 Stringent Government Regulations For Validation Of The Filtration Process
5.3.2.2 Requirement Of High Capital Investments For Setting Up Production Facilities
5.3.3 Opportunities
5.3.3.1 Growing Demand For Membrane Filtration Technology
5.3.3.2 Untapped Market Potential Of Filtration Equipment In Emerging Regions
5.3.4 Challenges
5.3.4.1 High Price Sensitivity Among End Users
5.3.4.2 Technological Developments And Alternative Technologies Restricting The Use Of Membranes
6 Industry Insights
6.1 Introduction
6.2 Industry Trends
6.2.1 Increasing Adoption Of Single-Use Processing Technologies In Filtration
6.2.2 Increasing Inclination Towards One-Stop Shopping
6.3 Value Chain Analysis
6.4 Porter'S Five Forces Analysis
6.4.1 Threat From New Entrants
6.4.2 Threat From Substitutes
6.4.3 Bargaining Power Of Suppliers
6.4.4 Bargaining Power Of Buyers
6.4.5 Intensity Of Competitive Rivalry
7 Global Laboratory Filtration Market, By Technology
  7.1 Introduction
  7.2 Microfiltration
  7.3 Ultrafiltration
  7.4 Reverse Osmosis
  7.5 Vacuum Filtration
  7.6 Nanofiltration
8 Global Laboratory Filtration Market, By Product
  8.1 Introduction
  8.2 Filtration Media
    8.2.1 Membrane Filters
    8.2.2 Filter Papers
      8.2.2.1 Cellulose Filter Papers
      8.2.2.2 Glass Microfiber Filter Papers
      8.2.2.3 Quartz Filter Papers
    8.2.3 Filtration Microplates
    8.2.4 Syringeless Filters
    8.2.5 Syringe Filters
    8.2.6 Capsule Filters
    8.2.7 Other Filtration Media
  8.3 Filtration Assemblies
    8.3.1 Microfiltration Assemblies
    8.3.2 Ultrafiltration Assemblies
    8.3.3 Reverse Osmosis Assemblies
    8.3.4 Vacuum Filtration Assemblies
    8.3.5 Other Filtration Assemblies
  8.4 Filtration Accessories
    8.4.1 Filter Holders
    8.4.2 Filter Flasks
    8.4.3 Filter Funnels
    8.4.4 Filter Dispensers
    8.4.5 Cartridge Filters
    8.4.6 Filter Housings
    8.4.7 Vacuum Pumps
    8.4.8 Seals
    8.4.9 Other Laboratory Filtration Accessories
9 Global Laboratory Filtration Market, By End User
  9.1 Introduction
  9.2 Pharmaceutical & Biopharmaceutical Companies
  9.3 Academic & Research Institutes
  9.4 Food & Beverage Companies
  9.5 Hospital And Diagnostic Laboratories
10 Global Laboratory Filtration Market, By Region
  10.1 Introduction
  10.2 North America
    10.2.1 U.S.
    10.2.2 Canada
  10.3 Europe
    10.3.1 Germany
    10.3.2 France
    10.3.3 U.K.
    10.3.4 Italy
    10.3.5 Spain
    10.3.6 Rest Of Europe
  10.4 Asia-Pacific
    10.4.1 Japan
    10.4.2 China
    10.4.3 India
    10.4.4 Rest Of Asia-Pacific
  10.5 Rest Of The World (Row)
10.5.1 Latin America
10.5.2 Middle East And Africa
11 Competitive Landscape
11.1 Overview
11.2 Market Share Analysis
11.3 Competitive Situations And Trends
11.3.1 New Product Launches
11.3.2 Acquisitions
11.3.3 Expansions
11.3.4 Agreements, Partnerships, And Collaborations
12 Company Profiles
(Overview, Financials, Products & Services, Strategy, & Developments)*
12.1 Introduction
12.2 Merck Millipore
12.3 Pall Corporation
12.4 Sartorius Group
12.5 3M Company
12.6 Ge Healthcare
12.7 Cantel Medical Corporation
12.8 Thermo Fisher Scientific, Inc.
12.9 Sigma-Aldrich Corporation
12.10 Veolia Water Technologies
12.11 Macherey - Nagel Gmhb & Co. Kg
*Details On Financials, Product & Services, Strategy, & Developments Might Not Be Captured In Case Of Unlisted Companies.
13 Appendix
13.1 Insights Of Industry Experts

List of Tables

Table 1 Increasing Purity Requirements In End-User Segments To Propel Growth Of The Laboratory Filtration Market
Table 2 Stringent Government Regulations For Validation Of Filtration Processes Restraining Market Growth
Table 3 Growing Demand For Membrane Filtration Technology To Provide Growth Opportunities For Market Players
Table 4 High Price Sensitivity Among End Users Presents A Major Challenge For Growth Of The Laboratory Filtration Market
Table 5 Global Laboratory Filtration Market Size, By Technology, 2014 - 2021 (USD Million)
Table 6 Global Laboratory Filtration Market Size, By Country, 2014 - 2021 (USD Million)
Table 7 Global Laboratory Microfiltration Market Size, By Country, 2014 - 2021 (USD Million)
Table 8 Global Laboratory Ultrafiltration Market Size, By Country, 2014 - 2021 (USD Million)
Table 9 Global Laboratory Reverse Osmosis Market Size, By Country, 2014 - 2021 (USD Million)
Table 10 Global Laboratory Vacuum Filtration Market Size, By Country, 2014 - 2021 (USD Million)
Table 11 Global Laboratory Nanofiltration Market Size, By Country, 2014 - 2021 (USD Million)
Table 12 Global Laboratory Filtration Market Size, By Product, 2014 - 2021 (USD Million)
Table 13 Global Laboratory Filtration Market Size, By Country, 2014 - 2021 (USD Million)
Table 14 Global Laboratory Filtration Media Market Size, By Type, 2014 - 2021 (USD Million)
Table 15 Global Laboratory Filtration Media Market Size, By Country, 2014 - 2021 (USD Million)
Table 16 Global Filtration Media Market Size, By Type, 2014 - 2021 (Thousand Units)
Table 17 Global Filtration Media Market Size, By Region, 2014 - 2021 (Thousand Units)
Table 18 Global Membrane Filters Market Size, By Country, 2014 - 2021 (USD Million)
Table 19 Global Membrane Filters Market Size, By Region, 2014 - 2021 (Thousand Units)
Table 20 Global Filter Papers Market Size, By Type, 2014 - 2021 (USD Million)
Table 21 Global Filter Papers Market Size, By Country, 2014 - 2021 (USD Million)
Table 22 Global Filter Papers Market Size, By Type, 2014 - 2021 (Thousand Units)
Table 23 Global Filter Papers Market Size, By Region, 2014 - 2021 (Thousand Units)
Table 24 Global Cellulose Filter Papers Market Size, By Country, 2014 - 2021 (USD Million)
Table 25 Global Cellulose Filter Papers Market Size, By Region, 2014 - 2021 (Thousand Units)
Table 26 Global Glass Microfiber Filter Papers Market Size, By Country, 2014 - 2021 (USD Million)
Table 27 Global Glass Microfiber Filter Papers Market Size, By Region, 2014 - 2021 (Thousand Units)
Table 28 Global Quartz Filter Papers Market Size, By Country, 2014 - 2021 (USD Million)
Table 29 Global Quartz Filter Papers Market Size, By Region, 2014 - 2021 (Thousand Units)
Table 30 Global Filtration Microplates Market Size, By Country, 2014 - 2021 (USD Million)
Figure 18 Laboratory Filtration Market Segmentation, By End User
Figure 19 Laboratory Filtration Market: Drivers, Restraints, Opportunities, And Challenges
Figure 20 Single-Use/Disposable Products And One-Stop Shopping Are The Leading Trends In The Laboratory Filtration Market
Figure 21 Laboratory Filtration Market: Value Chain Analysis
Figure 22 Porter'S Five Forces Analysis (2015): Increasing Number Of Local And Regional Players Is Enhancing Competition In The Industry
Figure 23 Microfiltration Accounted For The Largest Share Of The Global Laboratory Filtration Market In 2016
Figure 24 Global Laboratory Filtration Market, By Product, 2016 Vs. 2021
Figure 25 Membrane Filters Dominate Filtration Media Market
Figure 26 Asia-Pacific To Register Highest Growth In The Filtration Assemblies Market (2016-2021)
Figure 27 Filter Holders To Achieve Maximum Growth In The Forecast Period
Figure 28 Pharmaceutical & Biopharmaceutical Companies Dominated The Global Laboratory Filtration Market In 2016
Figure 29 Laboratory Filtration Market: Geographical Snapshot (2015)
Figure 30 Asia-Pacific Region To Grow At The Highest CAGR During The Forecast Period
Figure 31 North America Laboratory Filtration Market Snapshot: Filtration Media Dominated The Market In Product Segment
Figure 32 European Laboratory Filtration Market Snapshot: Germany Commanded The Highest Market Share
Figure 33 APAC Laboratory Filtration Market Snapshot: Japan To Witness Fastest Growth During The Forecast Period
Figure 34 New Product Launches Is The Key Growth Strategy Adopted By A Majority Of The Leading Players Between 2012 And 2016
Figure 35 Global Laboratory Filtration Market, By Key Player, 2015
Figure 36 Battle For Market Share: New Product Launches Was The Most Widely Adopted Strategy Between 2012 & 2016
Figure 37 Geographical Revenue Mix Of The Top 5 Players
Figure 38 Merck Millipore: Company Snapshot
Figure 39 Pall Corporation: Company Snapshot
Figure 40 Sartorius Group: Company Snapshot
Figure 41 3M Company: Company Snapshot
Figure 42 Ge Healthcare: Company Snapshot
Figure 43 Cantel Medical Corporation: Company Snapshot
Figure 44 Thermo Fisher Scientific, Inc.: Company Snapshot
Figure 45 Sigma-Aldrich Corporation: Company Snapshot
Figure 46 Veolia Water Technologies: Company Snapshot

Ordering:
Order Online - http://www.researchandmarkets.com/reports/3674012/
Order by Fax - using the form below
Order by Post - print the order form below and send to

Research and Markets,
Guinness Centre,
Taylors Lane,
Dublin 8,
Ireland.
Fax Order Form
To place an order via fax simply print this form, fill in the information below and fax the completed form to 646-607-1907 (from USA) or +353-1-481-1716 (from Rest of World). If you have any questions please visit http://www.researchandmarkets.com/contact/

Order Information
Please verify that the product information is correct and select the format(s) you require.

Product Name: Laboratory Filtration Market by Technology (Ultrafiltration, Microfiltration, Nanofiltration, Reverse Osmosis), by Product & by End User - Global Forecast to 2021
Web Address: http://www.researchandmarkets.com/reports/3674012/
Office Code: SCBR6SAX

Product Formats
Please select the product formats and quantity you require:

<table>
<thead>
<tr>
<th>Product Formats</th>
<th>Quantity</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>Electronic (PDF)</td>
<td>Single User:</td>
<td>USD 5650</td>
</tr>
<tr>
<td></td>
<td>1 - 5 Users:</td>
<td>USD 6650</td>
</tr>
<tr>
<td></td>
<td>Site License:</td>
<td>USD 8150</td>
</tr>
<tr>
<td></td>
<td>Enterprisewide:</td>
<td>USD 10000</td>
</tr>
</tbody>
</table>

Contact Information
Please enter all the information below in BLOCK CAPITALS

Title: [ ] Mr [ ] Mrs [ ] Dr [ ] Miss [ ] Ms [ ] Prof
First Name: ___________________________ Last Name: ___________________________
Email Address: * ___________________________
Job Title: ___________________________
Organisation: ___________________________
Address: ___________________________
City: ___________________________
Postal / Zip Code: ___________________________
Country: ___________________________
Phone Number: ___________________________
Fax Number: ___________________________

* Please refrain from using free email accounts when ordering (e.g. Yahoo, Hotmail, AOL)
Payment Information

Please indicate the payment method you would like to use by selecting the appropriate box.

☐ Pay by credit card: You will receive an email with a link to a secure webpage to enter your credit card details.

☐ Pay by check: Please post the check, accompanied by this form, to:

Research and Markets,
Guinness Center,
Taylors Lane,
Dublin 8,
Ireland.

☐ Pay by wire transfer: Please transfer funds to:

Account number 833 130 83
Sort code 98-53-30
Swift code ULSBIE2D
IBAN number IE78ULSB98533083313083
Bank Address Ulster Bank,
27-35 Main Street,
Blackrock,
Co. Dublin,
Ireland.

If you have a Marketing Code please enter it below:

Marketing Code: ____________________________

Please note that by ordering from Research and Markets you are agreeing to our Terms and Conditions at http://www.researchandmarkets.com/info/terms.asp

Please fax this form to:

(646) 607-1907 or (646) 964-6609 - From USA
+353-1-481-1716 or +353-1-653-1571 - From Rest of World