

Global Micropump Market Size study & Forecast, by Product Type (Mechanical Micropump, Non-mechanical Micropump) by Application (Drug Delivery, In-vitro Diagnostics, Medical Devices, Others), by End User (Biotechnology & Pharmaceutical Companies, Hospitals & Diagnostic Centers, Academic & Research Institutes) and Regional Analysis, 2022-2029

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Abstracts

Global Micropump Market is valued at approximately USD 1.92 billion in 2021 and is anticipated to grow with a healthy growth rate of more than 16.20% over the forecast period 2022-2029. Micropumps are devices used in medicine to control and function in small amounts of fluid. Compared to conventional pumps such as axial and centrifugal pumps, micro-pumps have useful dimensions in the micrometer range. Micropumps are used in a variety of applications, such as mixing small quantities of fluids and moving fluids from one place to another, in addition to delivering precise medication dosages. Growth of the worldwide micro pump market is primarily fueled by the increase in chronic diseases such as cancer and diabetes, advancements in technology in the healthcare sector and an increase in awareness regarding controlled drug delivery. For instance, in diabetes mellitus, micro-pumps are necessary for insulin treatment and controlled drug delivery. The micropump analysis also includes the micropump that is used in insulin therapy for precise and controlled insulin administration. Thus, it is anticipated that an increase in diabetes patients will drive the micropump market's growth. For instance, the International Diabetes Federation estimates that 90 million people in Southeast Asia will have diabetes in 2021. Additionally, the International Diabetes Federation estimates that 206 million individuals in the Western Pacific had

diabetes in 2021. Furthermore, it is anticipated that 113 million people will have diabetes by 2030 and 151 million by 2045.

However, technological advancement for micro pumps is expected to drive the micropump market trends. An increase in the number of new, high-tech micro pumps fuels the expansion of the micropump market. For instance, TTP Ventus, a manufacturer of micro pumps, revealed the introduction of the smart pump module in February 2022. (SPM-041). The SPM-041 is a closely integrated package that combines a micropump with drive electronics and pressure sensing. Additionally, TTP Ventus, a manufacturer of micro pumps, revealed the launch of the UltraSlim pump in May 2021. It is a micropump with an axial airflow route through the pump and an integrated filter. The aim of this development is to integrate the pump into the product while requiring a smaller space. Additionally, growing research and development activities and technological advancement in micropump are anticipated to create a lucrative opportunity for the market during the forecast period. However, the stringent regulations stifle market growth throughout the forecast period of 2022-2029.

The key regions considered for the Global Micropump Market study includes Asia Pacific, North America, Europe, Latin America, and Rest of the World. North America is the dominating region across the world in terms of market share, owing to growth in the number of research activities, advances in technology in the healthcare sector and an increase in the prevalence of chronic diseases. Whereas, Asia Pacific is also anticipated to exhibit the highest growth rate over the forecast period, owing to factors such as increases in the incidence of chronic diseases, government spending to develop the healthcare industry, and the number of major companies manufacturing micropumps. would create lucrative growth prospects for the Micropump market across the Asia Pacific region.

Major market player included in this report are:

ALLDOO Micropump Co. Ltd

Arcmed Co. Ltd.

Bartels Mikrotechnik GmbH

Burkert GmbH and Co. KG

Cole Parmer India Pvt. Ltd.

Enomoto Micro Pump Mfg. Co. Ltd

Fluigent Inc

IDEX Corporation

Sandur Fluid Controls PVT. LTD.

Takako Industries, Inc

Recent Developments in the Market:

In November 2019, LEE Ventus introduced the HP Series, a new line of micropumps. The high pressures and high flow rates that these advanced micropumps operate at make them ideal for therapeutic, diagnostic, and microfluidic devices.

Global Micropump Market Report Scope:

Historical Data 2019-2020-2021

Base Year for Estimation 2021

Forecast period 2022-2029

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

Segments Covered Product Type, Application, End User, Region

Regional Scope North America; Europe; Asia Pacific; Latin America; Rest of the World

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 Product Type:

Mechanical Micropump

Non-mechanical Micropump

By Application:

Drug Delivery

In-vitro Diagnostics

Medical Devices

Others

By End User:

Biotechnology & Pharmaceutical Companies

Hospitals & Diagnostic Centers

Academic & Research Institutes

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

RoLA

Rest of the World

Contents

CHAPTER 1. EXECUTIVE SUMMARY

- 1.1. Market Snapshot
- 1.2. Global & Segmental Market Estimates & Forecasts, 2019-2029 (USD Billion)
 - 1.2.1. Micropump Market, by Region, 2019-2029 (USD Billion)
 - 1.2.2. Micropump Market, by Product Type, 2019-2029 (USD Billion)
 - 1.2.3. Micropump Market, by Application, 2019-2029 (USD Billion)
 - 1.2.4. Micropump Market, by End User, 2019-2029 (USD Billion)
- 1.3. Key Trends
- 1.4. Estimation Methodology
- 1.5. Research Assumption

CHAPTER 2. GLOBAL MICROPUMP MARKET DEFINITION AND SCOPE

- 2.1. Objective of the Study
- 2.2. Market Definition & Scope
 - 2.2.1. Scope of the Study
 - 2.2.2. Industry Evolution
- 2.3. Years Considered for the Study
- 2.4. Currency Conversion Rates

CHAPTER 3. GLOBAL MICROPUMP MARKET DYNAMICS

- 3.1. Micropump Market Impact Analysis (2019-2029)
 - 3.1.1. Market Drivers
 - 3.1.1.1. Rising number of chronic diseases and infectious diseases
 - 3.1.1.2. Growing advancement in technology for micro pump
 - 3.1.2. Market Challenges
 - 3.1.2.1. Stringent regulations
 - 3.1.3. Market Opportunities
 - 3.1.3.1. Growing R&D activities
 - 3.1.3.2. Technological advancement in micropump

CHAPTER 4. GLOBAL MICROPUMP MARKET INDUSTRY ANALYSIS

- 4.1. Porter's 5 Force Model
 - 4.1.1. Bargaining Power of Suppliers

- 4.1.2. Bargaining Power of Buyers
- 4.1.3. Threat of New Entrants
- 4.1.4. Threat of Substitutes
- 4.1.5. Competitive Rivalry
- 4.2. Futuristic Approach to Porter's 5 Force Model (2019-2029)
- 4.3. PEST Analysis
 - 4.3.1. Political
 - 4.3.2. Economical
 - 4.3.3. Social
 - 4.3.4. Technological
- 4.4. Top investment opportunity
- 4.5. Top winning strategies
- 4.6. Industry Experts Prospective
- 4.7. Analyst Recommendation & Conclusion

CHAPTER 5. RISK ASSESSMENT: COVID-19 IMPACT

- 5.1. Assessment of the overall impact of COVID-19 on the industry
- 5.2. Pre COVID-19 and post COVID-19 Market scenario

CHAPTER 6. GLOBAL MICROPUMP MARKET, BY PRODUCT TYPE

- 6.1. Market Snapshot
- 6.2. Global Micropump Market by Product Type, Performance - Potential Analysis
- 6.3. Global Micropump Market Estimates & Forecasts by Product Type 2019-2029 (USD Billion)
- 6.4. Micropump Market, Sub Segment Analysis
 - 6.4.1. Mechanical Micropump
 - 6.4.2. Non-mechanical Micropump

CHAPTER 7. GLOBAL MICROPUMP MARKET, BY APPLICATION

- 7.1. Market Snapshot
- 7.2. Global Micropump Market by Application, Performance - Potential Analysis
- 7.3. Global Micropump Market Estimates & Forecasts by Application 2019-2029 (USD Billion)
- 7.4. Micropump Market, Sub Segment Analysis
 - 7.4.1. Drug Delivery
 - 7.4.2. In-vitro Diagnostics

7.4.3. Medical Devices

7.4.4. Others

CHAPTER 8. GLOBAL MICROPUMP MARKET, BY END USER

8.1. Market Snapshot

8.2. Global Micropump Market by End User, Performance - Potential Analysis

8.3. Global Micropump Market Estimates & Forecasts by End User 2019-2029 (USD Billion)

8.4. Micropump Market, Sub Segment Analysis

8.4.1. Biotechnology & Pharmaceutical Companies

8.4.2. Hospitals & Diagnostic Centers

8.4.3. Academic & Research Institutes

CHAPTER 9. GLOBAL MICROPUMP MARKET, REGIONAL ANALYSIS

9.1. Micropump Market, Regional Market Snapshot

9.2. North America Micropump Market

9.2.1. U.S. Micropump Market

9.2.1.1. Product Type breakdown estimates & forecasts, 2019-2029

9.2.1.2. Application breakdown estimates & forecasts, 2019-2029

9.2.1.3. End User breakdown estimates & forecasts, 2019-2029

9.2.2. Canada Micropump Market

9.3. Europe Micropump Market Snapshot

9.3.1. U.K. Micropump Market

9.3.2. Germany Micropump Market

9.3.3. France Micropump Market

9.3.4. Spain Micropump Market

9.3.5. Italy Micropump Market

9.3.6. Rest of Europe Micropump Market

9.4. Asia-Pacific Micropump Market Snapshot

9.4.1. China Micropump Market

9.4.2. India Micropump Market

9.4.3. Japan Micropump Market

9.4.4. Australia Micropump Market

9.4.5. South Korea Micropump Market

9.4.6. Rest of Asia Pacific Micropump Market

9.5. Latin America Micropump Market Snapshot

9.5.1. Brazil Micropump Market

- 9.5.2. Mexico Micropump Market
- 9.5.3. Rest of Latin America Micropump Market
- 9.6. Rest of The World Micropump Market

CHAPTER 10. COMPETITIVE INTELLIGENCE

- 10.1. Top Market Strategies
- 10.2. Company Profiles
 - 10.2.1. ALLDOO Micropump Co. Ltd
 - 10.2.1.1. Key Information
 - 10.2.1.2. Overview
 - 10.2.1.3. Financial (Subject to Data Availability)
 - 10.2.1.4. Product Summary
 - 10.2.1.5. Recent Developments
 - 10.2.2. Arcmed Co. Ltd.
 - 10.2.3. Bartels Mikrotechnik Inc
 - 10.2.4. Burkert GmbH and Co. KG
 - 10.2.5. Cole Parmer India Pvt. Ltd.
 - 10.2.6. Enomoto Micro Pump Mfg. Co Ltd
 - 10.2.7. Fluigent Inc
 - 10.2.8. IDEX Corporation
 - 10.2.9. Sandur Fluid Controls PVT. LTD.
 - 10.2.10. Takako Industries, Inc

CHAPTER 11. RESEARCH PROCESS

- 11.1. Research Process
 - 11.1.1. Data Mining
 - 11.1.2. Analysis
 - 11.1.3. Market Estimation
 - 11.1.4. Validation
 - 11.1.5. Publishing
- 11.2. Research Attributes
- 11.3. Research Assumption

List Of Tables

LIST OF TABLES

TABLE 1. Global Micropump Market, report scope

TABLE 2. Global Micropump Market estimates & forecasts by Region 2019-2029 (USD Billion)

TABLE 3. Global Micropump Market estimates & forecasts by Product Type 2019-2029 (USD Billion)

TABLE 4. Global Micropump Market estimates & forecasts by Application 2019-2029 (USD Billion)

TABLE 5. Global Micropump Market estimates & forecasts by End User 2019-2029 (USD Billion)

TABLE 6. Global Micropump Market by segment, estimates & forecasts, 2019-2029 (USD Billion)

TABLE 7. Global Micropump Market by region, estimates & forecasts, 2019-2029 (USD Billion)

TABLE 8. Global Micropump Market by segment, estimates & forecasts, 2019-2029 (USD Billion)

TABLE 9. Global Micropump Market by region, estimates & forecasts, 2019-2029 (USD Billion)

TABLE 10. Global Micropump Market by segment, estimates & forecasts, 2019-2029 (USD Billion)

TABLE 11. Global Micropump Market by region, estimates & forecasts, 2019-2029 (USD Billion)

TABLE 12. Global Micropump Market by segment, estimates & forecasts, 2019-2029 (USD Billion)

TABLE 13. Global Micropump Market by region, estimates & forecasts, 2019-2029 (USD Billion)

TABLE 14. Global Micropump Market by segment, estimates & forecasts, 2019-2029 (USD Billion)

TABLE 15. Global Micropump Market by region, estimates & forecasts, 2019-2029 (USD Billion)

TABLE 16. U.S. Micropump Market estimates & forecasts, 2019-2029 (USD Billion)

TABLE 17. U.S. Micropump Market estimates & forecasts by segment 2019-2029 (USD Billion)

TABLE 18. U.S. Micropump Market estimates & forecasts by segment 2019-2029 (USD Billion)

TABLE 19. Canada Micropump Market estimates & forecasts, 2019-2029 (USD Billion)

TABLE 20. Canada Micropump Market estimates & forecasts by segment 2019-2029 (USD Billion)

TABLE 21. Canada Micropump Market estimates & forecasts by segment 2019-2029 (USD Billion)

TABLE 22. UK Micropump Market estimates & forecasts, 2019-2029 (USD Billion)

TABLE 23. UK Micropump Market estimates & forecasts by segment 2019-2029 (USD Billion)

TABLE 24. UK Micropump Market estimates & forecasts by segment 2019-2029 (USD Billion)

TABLE 25. Germany Micropump Market estimates & forecasts, 2019-2029 (USD Billion)

TABLE 26. Germany Micropump Market estimates & forecasts by segment 2019-2029 (USD Billion)

TABLE 27. Germany Micropump Market estimates & forecasts by segment 2019-2029 (USD Billion)

TABLE 28. France Micropump Market estimates & forecasts, 2019-2029 (USD Billion)

TABLE 29. France Micropump Market estimates & forecasts by segment 2019-2029 (USD Billion)

TABLE 30. France Micropump Market estimates & forecasts by segment 2019-2029 (USD Billion)

TABLE 31. Italy Micropump Market estimates & forecasts, 2019-2029 (USD Billion)

TABLE 32. Italy Micropump Market estimates & forecasts by segment 2019-2029 (USD Billion)

TABLE 33. Italy Micropump Market estimates & forecasts by segment 2019-2029 (USD Billion)

TABLE 34. Spain Micropump Market estimates & forecasts, 2019-2029 (USD Billion)

TABLE 35. Spain Micropump Market estimates & forecasts by segment 2019-2029 (USD Billion)

TABLE 36. Spain Micropump Market estimates & forecasts by segment 2019-2029 (USD Billion)

TABLE 37. RoE Micropump Market estimates & forecasts, 2019-2029 (USD Billion)

TABLE 38. RoE Micropump Market estimates & forecasts by segment 2019-2029 (USD Billion)

TABLE 39. RoE Micropump Market estimates & forecasts by segment 2019-2029 (USD Billion)

TABLE 40. China Micropump Market estimates & forecasts, 2019-2029 (USD Billion)

TABLE 41. China Micropump Market estimates & forecasts by segment 2019-2029 (USD Billion)

TABLE 42. China Micropump Market estimates & forecasts by segment 2019-2029 (USD Billion)

- TABLE 43. India Micropump Market estimates & forecasts, 2019-2029 (USD Billion)
- TABLE 44. India Micropump Market estimates & forecasts by segment 2019-2029 (USD Billion)
- TABLE 45. India Micropump Market estimates & forecasts by segment 2019-2029 (USD Billion)
- TABLE 46. Japan Micropump Market estimates & forecasts, 2019-2029 (USD Billion)
- TABLE 47. Japan Micropump Market estimates & forecasts by segment 2019-2029 (USD Billion)
- TABLE 48. Japan Micropump Market estimates & forecasts by segment 2019-2029 (USD Billion)
- TABLE 49. South Korea Micropump Market estimates & forecasts, 2019-2029 (USD Billion)
- TABLE 50. South Korea Micropump Market estimates & forecasts by segment 2019-2029 (USD Billion)
- TABLE 51. South Korea Micropump Market estimates & forecasts by segment 2019-2029 (USD Billion)
- TABLE 52. Australia Micropump Market estimates & forecasts, 2019-2029 (USD Billion)
- TABLE 53. Australia Micropump Market estimates & forecasts by segment 2019-2029 (USD Billion)
- TABLE 54. Australia Micropump Market estimates & forecasts by segment 2019-2029 (USD Billion)
- TABLE 55. RoAPAC Micropump Market estimates & forecasts, 2019-2029 (USD Billion)
- TABLE 56. RoAPAC Micropump Market estimates & forecasts by segment 2019-2029 (USD Billion)
- TABLE 57. RoAPAC Micropump Market estimates & forecasts by segment 2019-2029 (USD Billion)
- TABLE 58. Brazil Micropump Market estimates & forecasts, 2019-2029 (USD Billion)
- TABLE 59. Brazil Micropump Market estimates & forecasts by segment 2019-2029 (USD Billion)
- TABLE 60. Brazil Micropump Market estimates & forecasts by segment 2019-2029 (USD Billion)
- TABLE 61. Mexico Micropump Market estimates & forecasts, 2019-2029 (USD Billion)
- TABLE 62. Mexico Micropump Market estimates & forecasts by segment 2019-2029 (USD Billion)
- TABLE 63. Mexico Micropump Market estimates & forecasts by segment 2019-2029 (USD Billion)
- TABLE 64. RoLA Micropump Market estimates & forecasts, 2019-2029 (USD Billion)
- TABLE 65. RoLA Micropump Market estimates & forecasts by segment 2019-2029 (USD Billion)

TABLE 66. RoLA Micropump Market estimates & forecasts by segment 2019-2029 (USD Billion)

TABLE 67. Row Micropump Market estimates & forecasts, 2019-2029 (USD Billion)

TABLE 68. Row Micropump Market estimates & forecasts by segment 2019-2029 (USD Billion)

TABLE 69. Row Micropump Market estimates & forecasts by segment 2019-2029 (USD Billion)

TABLE 70. List of secondary sources, used in the study of global Micropump Market

TABLE 71. List of primary sources, used in the study of global Micropump Market

TABLE 72. Years considered for the study

TABLE 73. Exchange rates considered

List of tables and figures and dummy in nature, final lists may vary in the final deliverable

List Of Figures

LIST OF FIGURES

- FIG 1. Global Micropump Market, research methodology
 - FIG 2. Global Micropump Market, Market estimation techniques
 - FIG 3. Global Market size estimates & forecast methods
 - FIG 4. Global Micropump Market, key trends 2021
 - FIG 5. Global Micropump Market, growth prospects 2022-2029
 - FIG 6. Global Micropump Market, porters 5 force model
 - FIG 7. Global Micropump Market, pest analysis
 - FIG 8. Global Micropump Market, value chain analysis
 - FIG 9. Global Micropump Market by segment, 2019 & 2029 (USD Billion)
 - FIG 10. Global Micropump Market by segment, 2019 & 2029 (USD Billion)
 - FIG 11. Global Micropump Market by segment, 2019 & 2029 (USD Billion)
 - FIG 12. Global Micropump Market by segment, 2019 & 2029 (USD Billion)
 - FIG 13. Global Micropump Market by segment, 2019 & 2029 (USD Billion)
 - FIG 14. Global Micropump Market, regional snapshot 2019 & 2029
 - FIG 15. North America Micropump Market 2019 & 2029 (USD Billion)
 - FIG 16. Europe Micropump Market 2019 & 2029 (USD Billion)
 - FIG 17. Asia pacific Micropump Market 2019 & 2029 (USD Billion)
 - FIG 18. Latin America Micropump Market 2019 & 2029 (USD Billion)
 - FIG 19. Global Micropump Market, company Market share analysis (2021)
- List of tables and figures and dummy in nature, final lists may vary in the final deliverable

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