

Global Spirometer Market Size study & Forecast, by Type (Hand-Held, Table-Top), by Technology (Volume Measurement, Flow Measurement), by Application (Asthma, COPD, Others), by End-User (Hospitals and Clinics, Home Healthcare, Others) and Regional Analysis, 2023-2030

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Abstracts

Global Spirometer Market is valued at approximately USD 583.2 Million in 2022 and is anticipated to grow with a healthy growth rate of more than 5.5% over the forecast period 2023-2030. A spirometer is a medical device designed to measure the volume of air inspired and expired by the lungs during breathing. It plays a crucial role in assessing respiratory function and diagnosing various pulmonary conditions. Typically used in clinical settings, the spirometer captures data related to lung capacity and airflow, helping healthcare professionals evaluate lung function parameters such as vital capacity, forced expiratory volume, and peak expiratory flow. The Spirometer Market is expanding because of factors such as the rising burden of respiratory diseases, technological advancements in the field of spirometers and a growing preference for home healthcare.

The escalating prevalence of respiratory diseases, including asthma, Chronic Obstructive Pulmonary Disease (COPD), and other pulmonary conditions, is anticipated to drive a surge in the demand for spirometers. As these respiratory ailments continue to pose a growing burden on global healthcare systems, the need for effective diagnostic and monitoring tools becomes increasingly paramount. Spirometers play a pivotal role in the diagnosis, assessment, and management of respiratory disorders by providing accurate and quantifiable measurements of lung function. As indicated by a publication in the European Respiratory Journal in November 2021, the prevalence of

Chronic Obstructive Pulmonary Disease (COPD) in Europe is projected to increase significantly. By the year 2050, it is estimated that approximately 49,453,852 Europeans would be affected by COPD, a rise from the 36,580,965 reported in 2020. The same source also highlights that the Netherlands is anticipated to have the highest COPD prevalence in Europe, reaching 14.6% by the year 2050. Moreover, rising government collaboration with private organizations for product development and an increasing number of initiatives for disease awareness are creating new opportunities for market growth. However, concerns regarding accuracy and calibration hamper market growth throughout the forecast period of 2023-2030.

The key regions considered for the Global Spirometer Market study includes Asia Pacific, North America, Europe, Latin America, and Middle East & Africa. North America dominated the market in 2022 owing to the increasing prevalence of COPD, asthma, and other respiratory diseases, the rising development of precise devices in the region. Asia Pacific is expected to grow significantly over the forecast period, owing to factors such as the rising prevalence of target diseases, geographic expansion of key players, and active participation of government in the market space.

Major market player included in this report are:

Baxter International (Hill-Rom Services, Inc)

Jones Medical Instrument Company

MGC Diagnostics Corporation

Midmark Corporation

NDD Medical Technologies

KoKo PFT Ltd

OHD (SCHAUENBURG International Group)

Koninklijke Philips N.V.

ICU Medical, Inc.

Teleflex Incorporated

Recent Developments in the Market:

In September 2022, RxCap, Inc. established a collaborative alliance with ZEPHYRx to seamlessly incorporate the ZEPHYRx cloud spirometry platform into RxCap's remote monitoring system. This integration empowers RxCap's enterprise clients, including healthcare providers and payers, to effectively track the lung function of individuals grappling with significant pulmonary conditions among their patient or member base.

In Aug 2022, AstraZeneca collaborated with Alveofit, a respiratory healthcare platform, to introduce Internet of Things (IoT)-enabled handheld spirometers in hospitals nationwide. This portable spirometer is seamlessly connected to the IoT, facilitating remote patient monitoring, and enabling tele-spirometry, complemented by comprehensive care management solutions.

Global Spirometer 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 – Type, Technology, Application, End-use, 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 Type:

Hand-Held

Table-Top

By Technology:

Volume Measurement

Flow Measurement

By Application:

Asthma

COPD

Others

By End-User:

Hospitals and Clinics

Home Healthcare

Others

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

Contents

CHAPTER 1. EXECUTIVE SUMMARY

- 1.1. Market Snapshot
- 1.2. Global & Segmental Market Estimates & Forecasts, 2020-2030 (USD Million)
 - 1.2.1. Spirometer Market, by Region, 2020-2030 (USD Million)
 - 1.2.2. Spirometer Market, by Type, 2020-2030 (USD Million)
 - 1.2.3. Spirometer Market, by Technology, 2020-2030 (USD Million)
 - 1.2.4. Spirometer Market, by Application, 2020-2030 (USD Million)
 - 1.2.5. Spirometer Market, by End-User, 2020-2030 (USD Million)
- 1.3. Key Trends
- 1.4. Estimation Methodology
- 1.5. Research Assumption

CHAPTER 2. GLOBAL SPIROMETER MARKET DEFINITION AND SCOPE

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

CHAPTER 3. GLOBAL SPIROMETER MARKET DYNAMICS

- 3.1. Spirometer Market Impact Analysis (2020-2030)
 - 3.1.1. Market Drivers
 - 3.1.1.1. Rising burden of respiratory diseases
 - 3.1.1.2. Technological advancements in the field of spirometers
 - 3.1.1.3. Growing preference for home healthcare
 - 3.1.2. Market Challenges
 - 3.1.2.1. High concerns regarding accuracy and calibration
 - 3.1.3. Market Opportunities
 - 3.1.3.1. Government collaboration with private organizations for product development
 - 3.1.3.2. Increasing number of initiatives for diseases awareness

CHAPTER 4. GLOBAL SPIROMETER 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. Porter's 5 Force Impact Analysis
- 4.3. PEST Analysis
 - 4.3.1. Political
 - 4.3.2. Economical
 - 4.3.3. Social
 - 4.3.4. Technological
 - 4.3.5. Environmental
 - 4.3.6. Legal
- 4.4. Top investment opportunity
- 4.5. Top winning strategies
- 4.6. COVID-19 Impact Analysis
- 4.7. Disruptive Trends
- 4.8. Industry Expert Perspective
- 4.9. Analyst Recommendation & Conclusion

CHAPTER 5. GLOBAL SPIROMETER MARKET, BY TYPE

- 5.1. Market Snapshot
- 5.2. Global Spirometer Market by Type, Performance - Potential Analysis
- 5.3. Global Spirometer Market Estimates & Forecasts by Type 2020-2030 (USD Million)
- 5.4. Spirometer Market, Sub Segment Analysis
 - 5.4.1. Hand-Held
 - 5.4.2. Table-Top

CHAPTER 6. GLOBAL SPIROMETER MARKET, BY TECHNOLOGY

- 6.1. Market Snapshot
- 6.2. Global Spirometer Market by Technology, Performance - Potential Analysis
- 6.3. Global Spirometer Market Estimates & Forecasts by Technology 2020-2030 (USD Million)
- 6.4. Spirometer Market, Sub Segment Analysis
 - 6.4.1. Volume Measurement
 - 6.4.2. Flow Measurement

CHAPTER 7. GLOBAL SPIROMETER MARKET, BY APPLICATION

- 7.1. Market Snapshot
- 7.2. Global Spirometer Market by Application, Performance - Potential Analysis
- 7.3. Global Spirometer Market Estimates & Forecasts by Application 2020-2030 (USD Million)
- 7.4. Spirometer Market, Sub Segment Analysis
 - 7.4.1. Asthma
 - 7.4.2. COPD
 - 7.4.3. Others

CHAPTER 8. GLOBAL SPIROMETER MARKET, BY END-USER

- 8.1. Market Snapshot
- 8.2. Global Spirometer Market by End-User, Performance - Potential Analysis
- 8.3. Global Spirometer Market Estimates & Forecasts by End-User 2020-2030 (USD Million)
- 8.4. Spirometer Market, Sub Segment Analysis
 - 8.4.1. Hospitals and Clinics
 - 8.4.2. Home Healthcare
 - 8.4.3. Others

CHAPTER 9. GLOBAL SPIROMETER MARKET, REGIONAL ANALYSIS

- 9.1. Top Leading Countries
- 9.2. Top Emerging Countries
- 9.3. Spirometer Market, Regional Market Snapshot
- 9.4. North America Spirometer Market
 - 9.4.1. U.S. Spirometer Market
 - 9.4.1.1. Type breakdown estimates & forecasts, 2020-2030
 - 9.4.1.2. Technology breakdown estimates & forecasts, 2020-2030
 - 9.4.1.3. Application breakdown estimates & forecasts, 2020-2030
 - 9.4.1.4. End-User breakdown estimates & forecasts, 2020-2030
 - 9.4.2. Canada Spirometer Market
- 9.5. Europe Spirometer Market Snapshot
 - 9.5.1. U.K. Spirometer Market
 - 9.5.2. Germany Spirometer Market
 - 9.5.3. France Spirometer Market

- 9.5.4. Spain Spirometer Market
- 9.5.5. Italy Spirometer Market
- 9.5.6. Rest of Europe Spirometer Market
- 9.6. Asia-Pacific Spirometer Market Snapshot
 - 9.6.1. China Spirometer Market
 - 9.6.2. India Spirometer Market
 - 9.6.3. Japan Spirometer Market
 - 9.6.4. Australia Spirometer Market
 - 9.6.5. South Korea Spirometer Market
 - 9.6.6. Rest of Asia Pacific Spirometer Market
- 9.7. Latin America Spirometer Market Snapshot
 - 9.7.1. Brazil Spirometer Market
 - 9.7.2. Mexico Spirometer Market
- 9.8. Middle East & Africa Spirometer Market
 - 9.8.1. Saudi Arabia Spirometer Market
 - 9.8.2. South Africa Spirometer Market
 - 9.8.3. Rest of Middle East & Africa Spirometer Market

CHAPTER 10. COMPETITIVE INTELLIGENCE

- 10.1. Key Company SWOT Analysis
 - 10.1.1. Company
 - 10.1.2. Company
 - 10.1.3. Company
- 10.2. Top Market Strategies
- 10.3. Company Profiles
 - 10.3.1. Baxter International (Hill-Rom Services, Inc)
 - 10.3.1.1. Key Information
 - 10.3.1.2. Overview
 - 10.3.1.3. Financial (Subject to Data Availability)
 - 10.3.1.4. Product Summary
 - 10.3.1.5. Recent Developments
 - 10.3.2. Jones Medical Instrument Company
 - 10.3.3. MGC Diagnostics Corporation
 - 10.3.4. Midmark Corporation
 - 10.3.5. NDD Medical Technologies
 - 10.3.6. KoKo PFT Ltd
 - 10.3.7. OHD (SCHAUBURG International Group)
 - 10.3.8. Koninklijke Philips N.V.

10.3.9. ICU Medical, Inc.

10.3.10. Teleflex Incorporated

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 Spirometer Market, report scope

TABLE 2. Global Spirometer Market estimates & forecasts by Region 2020-2030 (USD Million)

TABLE 3. Global Spirometer Market estimates & forecasts by Type 2020-2030 (USD Million)

TABLE 4. Global Spirometer Market estimates & forecasts by Technology 2020-2030 (USD Million)

TABLE 5. Global Spirometer Market estimates & forecasts by Application 2020-2030 (USD Million)

TABLE 6. Global Spirometer Market estimates & forecasts by End-User 2020-2030 (USD Million)

TABLE 7. Global Spirometer Market by segment, estimates & forecasts, 2020-2030 (USD Million)

TABLE 8. Global Spirometer Market by region, estimates & forecasts, 2020-2030 (USD Million)

TABLE 9. Global Spirometer Market by segment, estimates & forecasts, 2020-2030 (USD Million)

TABLE 10. Global Spirometer Market by region, estimates & forecasts, 2020-2030 (USD Million)

TABLE 11. Global Spirometer Market by segment, estimates & forecasts, 2020-2030 (USD Million)

TABLE 12. Global Spirometer Market by region, estimates & forecasts, 2020-2030 (USD Million)

TABLE 13. Global Spirometer Market by segment, estimates & forecasts, 2020-2030 (USD Million)

TABLE 14. Global Spirometer Market by region, estimates & forecasts, 2020-2030 (USD Million)

TABLE 15. Global Spirometer Market by segment, estimates & forecasts, 2020-2030 (USD Million)

TABLE 16. Global Spirometer Market by region, estimates & forecasts, 2020-2030 (USD Million)

TABLE 17. U.S. Spirometer Market estimates & forecasts, 2020-2030 (USD Million)

TABLE 18. U.S. Spirometer Market estimates & forecasts by segment 2020-2030 (USD Million)

TABLE 19. U.S. Spirometer Market estimates & forecasts by segment 2020-2030 (USD Million)

Million)

TABLE 20. Canada Spirometer Market estimates & forecasts, 2020-2030 (USD Million)

TABLE 21. Canada Spirometer Market estimates & forecasts by segment 2020-2030 (USD Million)

TABLE 22. Canada Spirometer Market estimates & forecasts by segment 2020-2030 (USD Million)

TABLE 23. UK Spirometer Market estimates & forecasts, 2020-2030 (USD Million)

TABLE 24. UK Spirometer Market estimates & forecasts by segment 2020-2030 (USD Million)

TABLE 25. UK Spirometer Market estimates & forecasts by segment 2020-2030 (USD Million)

TABLE 26. Germany Spirometer Market estimates & forecasts, 2020-2030 (USD Million)

TABLE 27. Germany Spirometer Market estimates & forecasts by segment 2020-2030 (USD Million)

TABLE 28. Germany Spirometer Market estimates & forecasts by segment 2020-2030 (USD Million)

TABLE 29. France Spirometer Market estimates & forecasts, 2020-2030 (USD Million)

TABLE 30. France Spirometer Market estimates & forecasts by segment 2020-2030 (USD Million)

TABLE 31. France Spirometer Market estimates & forecasts by segment 2020-2030 (USD Million)

TABLE 32. Italy Spirometer Market estimates & forecasts, 2020-2030 (USD Million)

TABLE 33. Italy Spirometer Market estimates & forecasts by segment 2020-2030 (USD Million)

TABLE 34. Italy Spirometer Market estimates & forecasts by segment 2020-2030 (USD Million)

TABLE 35. Spain Spirometer Market estimates & forecasts, 2020-2030 (USD Million)

TABLE 36. Spain Spirometer Market estimates & forecasts by segment 2020-2030 (USD Million)

TABLE 37. Spain Spirometer Market estimates & forecasts by segment 2020-2030 (USD Million)

TABLE 38. RoE Spirometer Market estimates & forecasts, 2020-2030 (USD Million)

TABLE 39. RoE Spirometer Market estimates & forecasts by segment 2020-2030 (USD Million)

TABLE 40. RoE Spirometer Market estimates & forecasts by segment 2020-2030 (USD Million)

TABLE 41. China Spirometer Market estimates & forecasts, 2020-2030 (USD Million)

TABLE 42. China Spirometer Market estimates & forecasts by segment 2020-2030

(USD Million)

TABLE 43. China Spirometer Market estimates & forecasts by segment 2020-2030

(USD Million)

TABLE 44. India Spirometer Market estimates & forecasts, 2020-2030 (USD Million)

TABLE 45. India Spirometer Market estimates & forecasts by segment 2020-2030 (USD Million)

TABLE 46. India Spirometer Market estimates & forecasts by segment 2020-2030 (USD Million)

TABLE 47. Japan Spirometer Market estimates & forecasts, 2020-2030 (USD Million)

TABLE 48. Japan Spirometer Market estimates & forecasts by segment 2020-2030 (USD Million)

TABLE 49. Japan Spirometer Market estimates & forecasts by segment 2020-2030 (USD Million)

TABLE 50. South Korea Spirometer Market estimates & forecasts, 2020-2030 (USD Million)

TABLE 51. South Korea Spirometer Market estimates & forecasts by segment 2020-2030 (USD Million)

TABLE 52. South Korea Spirometer Market estimates & forecasts by segment 2020-2030 (USD Million)

TABLE 53. Australia Spirometer Market estimates & forecasts, 2020-2030 (USD Million)

TABLE 54. Australia Spirometer Market estimates & forecasts by segment 2020-2030 (USD Million)

TABLE 55. Australia Spirometer Market estimates & forecasts by segment 2020-2030 (USD Million)

TABLE 56. RoAPAC Spirometer Market estimates & forecasts, 2020-2030 (USD Million)

TABLE 57. RoAPAC Spirometer Market estimates & forecasts by segment 2020-2030 (USD Million)

TABLE 58. RoAPAC Spirometer Market estimates & forecasts by segment 2020-2030 (USD Million)

TABLE 59. Brazil Spirometer Market estimates & forecasts, 2020-2030 (USD Million)

TABLE 60. Brazil Spirometer Market estimates & forecasts by segment 2020-2030 (USD Million)

TABLE 61. Brazil Spirometer Market estimates & forecasts by segment 2020-2030 (USD Million)

TABLE 62. Mexico Spirometer Market estimates & forecasts, 2020-2030 (USD Million)

TABLE 63. Mexico Spirometer Market estimates & forecasts by segment 2020-2030 (USD Million)

TABLE 64. Mexico Spirometer Market estimates & forecasts by segment 2020-2030 (USD Million)

TABLE 65. RoLA Spirometer Market estimates & forecasts, 2020-2030 (USD Million)

TABLE 66. RoLA Spirometer Market estimates & forecasts by segment 2020-2030 (USD Million)

TABLE 67. RoLA Spirometer Market estimates & forecasts by segment 2020-2030 (USD Million)

TABLE 68. Saudi Arabia Spirometer Market estimates & forecasts, 2020-2030 (USD Million)

TABLE 69. South Africa Spirometer Market estimates & forecasts by segment 2020-2030 (USD Million)

TABLE 70. RoMEA Spirometer Market estimates & forecasts by segment 2020-2030 (USD Million)

TABLE 71. List of secondary sources, used in the study of global Spirometer Market

TABLE 72. List of primary sources, used in the study of global Spirometer Market

TABLE 73. Years considered for the study

TABLE 74. 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 Spirometer Market, research methodology
 - FIG 2. Global Spirometer Market, Market estimation techniques
 - FIG 3. Global Market size estimates & forecast methods
 - FIG 4. Global Spirometer Market, key trends 2022
 - FIG 5. Global Spirometer Market, growth prospects 2023-2030
 - FIG 6. Global Spirometer Market, porters 5 force model
 - FIG 7. Global Spirometer Market, pest analysis
 - FIG 8. Global Spirometer Market, value chain analysis
 - FIG 9. Global Spirometer Market by segment, 2020 & 2030 (USD Million)
 - FIG 10. Global Spirometer Market by segment, 2020 & 2030 (USD Million)
 - FIG 11. Global Spirometer Market by segment, 2020 & 2030 (USD Million)
 - FIG 12. Global Spirometer Market by segment, 2020 & 2030 (USD Million)
 - FIG 13. Global Spirometer Market by segment, 2020 & 2030 (USD Million)
 - FIG 14. Global Spirometer Market, regional snapshot 2020 & 2030
 - FIG 15. North America Spirometer Market 2020 & 2030 (USD Million)
 - FIG 16. Europe Spirometer Market 2020 & 2030 (USD Million)
 - FIG 17. Asia pacific Spirometer Market 2020 & 2030 (USD Million)
 - FIG 18. Latin America Spirometer Market 2020 & 2030 (USD Million)
 - FIG 19. Middle East & Africa Spirometer Market 2020 & 2030 (USD Million)
- List of tables and figures and dummy in nature, final lists may vary in the final deliverable

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