

Spirometer Market Report by Product (Consumables & Accessories, Devices, Software), Mechanism (Flow-Sensing Spirometers, Peak Flow Meters, and Others), Application (COPD, Asthma, and Others), Disposable Components (Filters, Tubes, Sensors), End-User (Hospitals, Clinical Laboratories, Home Care Settings, and Others), and Region 2024-2032

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Abstracts

The global spirometer market size reached US\$ 1,135.3 Million in 2023. Looking forward, IMARC Group expects the market to reach US\$ 2,331.7 Million by 2032, exhibiting a growth rate (CAGR) of 8.10% during 2024-2032.

A spirometer is a medical device that is used for measuring the air capacity of the lungs and for estimating the volume of air inhaled and exhaled by the organs. The device aids in diagnosing respiratory disorders such as asthma, chronic obstructive pulmonary disease (COPD), tuberculosis, cystic fibrosis and silicosis. It also checks if chemicals present in the environment are influencing the functioning of the lungs and assists in finding the cause for breathlessness and other lung-related problems. An electronic sensor calculates and displays the patient's airflow, or the volume forced out within the first second of the test. This indicates the presence of airway obstruction after which necessary treatment measures are administered.

The increasing prevalence of respiratory disorders and improving healthcare infrastructure are the key factors driving the growth of the market. On account of the growing urbanization and changing lifestyles in the emerging economies, tobacco consumption amongst working professionals has increased significantly. This, along with rising levels of air pollution, has resulted in an increased occurrence of lung

disorders in these regions. Pollution enhances the burden on the lungs, which boosts the demand for pulmonary tests. Additionally, the rising geriatric population across the globe is another major factor contributing to the market growth. This population group is more susceptible to various chronic respiratory diseases that are detected through spirometers. Moreover, the increasing awareness for sophisticated diagnostic techniques among the consumers is further favoring the market growth. Various technological advancements such as the introduction of portable and compact spirometers with connectivity to smart devices have enabled doctors and hospitals to access patient data conveniently. Increasing research and development (R&D) to introduce more efficient variants is also expected to create a positive outlook for the market.

Key Market Segmentation:

IMARC Group provides an analysis of the key trends in each sub-segment of the global spirometer market report, along with forecasts at the global, regional and country level from 2024-2032. Our report has categorized the market based on product, mechanism, application, disposable components, and end-user.

Breakup by Product:

- Consumables & Accessories
- Devices
- Software

Breakup by Mechanism:

- Flow-Sensing Spirometers
- Peak Flow Meters
- Others

Breakup by Application:

- COPD
- Asthma
- Others

Breakup by Disposable Components:

- Filters

Tubes
Sensors

Breakup by End-User:

Hospitals
Clinical Laboratories
Home Care Settings
Others

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 report has also analysed the competitive landscape of the market with some of the

key players being Benson Medical Instruments, Chest M.I., Fukuda Sangyo, Hill-Rom Inc., Jones Medical Instrument Company, Medical International Research, Midmark Corporation, NDD Medizintechnik AG, Schiller AG, Vitalograph, Vyaire Medical, Welch Allyn Inc., etc.

Key Questions Answered in This Report:

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

What are the key regional markets?

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

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

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

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

What is the breakup of the market based on the disposable components?

What is the breakup of the market based on the end-user?

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 spirometer market and who are the key players?

What is the degree of competition in the industry?

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