

# Spirometer Market Set to Hit \$1.47 Billion by 2027 Amid Surge in Respiratory Diseases and Breakthrough Technologies

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The global [spirometer market](#) was valued at \$1,079.51 million in 2019 and is projected to grow to \$1,471.59 million by 2027, reflecting a CAGR of 3.5% from 2020 to 2027. A spirometer is a crucial medical device that measures lung ventilation—tracking the volume of air inhaled and exhaled. It plays a significant role in diagnosing respiratory conditions such as obstructive and restrictive lung diseases.



The market is seeing growth due to factors like increasing smoking habits, alcohol consumption, and the expanding elderly population. Additionally, technological innovations, regulatory approvals, and new product launches are driving demand. Environmental factors like air pollution, climate change, and dust are further boosting the spirometer market.

## Global Respiratory Disease Trends

Respiratory diseases are surging worldwide. The World Health Organization (WHO) reported in 2017 that respiratory diseases were among the leading causes of death globally. Over 65 million people suffer from chronic obstructive pulmonary disease (COPD), with 3 million deaths annually, making it the third-leading cause of death. Additionally, 334 million individuals worldwide are affected by asthma, which is prevalent among 14% of children.

Growing regulatory support for spirometer adoption, along with increased research funding, particularly in developing regions, presents substantial growth opportunities for the market.

## Market Segmentation Overview

By Type: The market is categorized into hand-held and table-top spirometers, with table-top models expected to maintain a dominant share due to their use in diagnosing obstructive airway diseases.

By Technology: Flow measurement spirometers lead the market thanks to their application in diagnosing COPD and asthma, their portability, and their advanced features.

By Application: COPD dominates the market, while the asthma segment is projected to see the fastest growth due to its prevalence among both children and adults.

By End User: Hospitals and clinics represent the largest segment, with a high CAGR due to increasing respiratory diagnoses and technological advancements.

By Region: The Asia-Pacific region offers significant growth potential due to its aging population, rising healthcare expenditure, and growing awareness of respiratory disease management.

#### Competitive Landscape

Key players in the spirometer market include SCHILLER, Hill-Rom, Inc., Midmark Corp., Vitalograph, COSMED srl, MGC Diagnostics Corporation, Smiths Medical, Vyair Medical, Teleflex, and NSPIRE HEALTH INC. These companies are focusing on product innovation, regulatory approvals, and strategic partnerships to maintain a competitive edge.

For more information, please contact: <https://www.alliedmarketresearch.com/purchase-enquiry/A10602>

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