

India Respiratory Devices Market - Growth, Trends, Covid-19 Impact, and Forecasts (2023 - 2028)

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Report description:

The India respiratory devices market is projected to register a CAGR of 7.12% during the forecast period (2022-2027).

India dealt with the first wave of the COVID-19 pandemic in 2020 with collective measures, scientific approaches, and public awareness. Undoubtedly, the second wave of the pandemic has seen a shortage of medical oxygen and ventilators across the nation. The intelligent use of technology and well-planned resource allocation to combat the new wave of the pandemic, on the other hand, was exhaustive in the case of medical devices as well as manpower. Fast-tracking innovation, revamping assembly lines, and expediting manufacturing of medical instruments and devices ranging from N95 masks and Personal Protective Equipment (PPE) to diagnostic kits and ventilators helped Indian companies respond quickly to the COVID-19 pandemic. Surprisingly, in July 2020, India produced 60,000 ventilators in just three months, despite manufacturing almost no ventilators domestically when the outbreak was first witnessed. In addition, the COVID-19 pandemic resulted in a surge in demand for pulse oximeters. Moreover, as per an August 2020 news article, the demand for pulse oximeters increased by 23 times from April to August. Since the first COVID-19 case was discovered, pulse oximeter purchases on Snapdeal, an e-commerce website, increased by more than 300%.

The Indian respiratory devices market is expected to show rapid growth due to the increasing prevalence of respiratory disorders such as COPD, TB, asthma, and sleep apnea, along with technological advancements and increasing applications in home care settings.

Rapid urbanization in the country and a large amount of pollution have contributed to a higher incidence rate of respiratory diseases in India. For instance, according to the article titled "Prevalence of COPD among population above 30 years in India: A systematic review and meta-analysis" published in August 2021, the prevalence of COPD among the population aged 30 years

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and above in India was 7%. Such studies demonstrating the prevalence of respiratory diseases in the country are driving the demand for respiratory devices, ultimately boosting the growth of the market. Additionally, the awareness of these diseases and healthcare facilities has increased, and the government is investing in mitigating respiratory ailments. There is also a rise in the aging population, which is susceptible to respiratory ailments.

Furthermore, the strategic initiatives undertaken by the market players are also boosting the growth of the market. For instance, in May 2021, Vyair Medical, a global company focused exclusively on breathing devices, entered into an agreement with GenWorks, a healthcare solutions provider with 140 locations within India and a direct presence in 27 states.

Thus, all these factors help drive the growth of the respiratory devices market in India. However, the high cost of devices may hinder the growth of the market.

India Respiratory Devices Market Trends

Spirometers is Anticipated to be the Dominant Sub-segment in the Diagnostic and Monitoring Devices Segment during the Forecast Period

The spirometers segment is anticipated to hold the largest share of the market by diagnostic and monitoring devices. The spirometer is a medical device used to measure the proper functioning of the lungs. The volume of air inhaled and exhaled from the lungs is measured after maximum inhalation by the patient. A spirometer helps identify different respiratory diseases, such as bronchitis, chronic lung diseases that are obstructive, emphysema, asthma, and other breathing diseases for screening in an occupational environment.

The COVID-19 pandemic has boosted the demand for spirometers as it is an effective way to strengthen the lungs. This device is useful for those recuperating from respiratory illnesses such as pneumonia, bronchitis, or COVID-19 disease. Hospitals usually conduct spirometry to check lung health. However, hand-held incentive spirometers are also being sold online to be used at home. Moreover, the National Disaster Management Authority (NDMA) in May 2021 also shared some guidelines on how to use an incentive spirometer for breathing exercises.

Additionally, the initiatives taken by the market players are expected to drive the growth of the market segment. For instance, in November 2021, Cipla Limited introduced Spirofy, India's one of the first pneumotach-based portable, wireless spirometers, on World Chronic Obstructive Pulmonary Disease (COPD) Day.

Thus, the applications of spirometers in India make it easier for the patient to use this diagnostic device, especially for asthma, which is also increasingly being adopted in hospitals and home care, and hence, the segment is expected to show positive growth over the forecast period.

India Respiratory Devices Market Competitor Analysis

The India Respiratory Devices Market is moderately competitive. Some of India's established respiratory device companies include AstraZeneca, Medtronic, Philips, Resmed, and GSK. These companies present in the market focus on product innovations, expansions, finding new markets, or innovating their core competency to expand their market share.

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