

Respiratory Care Devices Market Size, Share, Trends and Forecast by Product, Indication, End User, and Region, 2025-2033

Market Report | 2025-03-01 | 147 pages | IMARC Group

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Report description:

The global respiratory care devices market size was valued at USD 23.5 Billion in 2024. Looking forward, IMARC Group estimates the market to reach USD 43.5 Billion by 2033, exhibiting a CAGR of 7.1% during 2025-2033. North America currently dominates the market. The increasing prevalence of respiratory diseases, rising geriatric population, technological advancements, and growing awareness about respiratory health, are factors driving the market across the North American region.

Respiratory care devices refer to the medical equipment used for the diagnosis, treatment, assessment and care of patients suffering from pulmonary diseases. Nebulizers, inhalers, positive airway pressure (PAP) devices, spirometers, humidifiers, etc., are some of the most commonly used respiratory care devices. These devices primarily perform diagnostic, therapeutic and monitoring functions. They aid in ensuring a smooth respiration process by providing an adequate amount of oxygen to the lungs and preventing any blockage in the process.

The increasing prevalence of respiratory diseases, such as chronic obstructive pulmonary disease (COPD), asthma and tuberculosis, represent as the key factors driving the growth of the market. Sedentary lifestyles and stressful routines, in confluence with the growing number of smokers and rate of alcohol consumption, have resulted in rising incidences of lung cancer and other severe respiratory conditions. Also, the increasing number of premature births, along with the growing geriatric population are also impacting the demand for respiratory care devices. Both premature newborns and elderly tend to have weak immune systems and require various breathing support devices for facilitating artificial breathing and preventing respiratory disorders, including newborn respiratory distress syndrome (RDS). Other factors, such as the increasing healthcare expenditure and the development of miniature devices are projected to drive the market further. Significant efforts by both the government and non-governmental organizations (NGO) to make quality healthcare facilities accessible to all, along with developing new and improving the existing healthcare infrastructure are also creating a positive outlook for the market.

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Key Market Segmentation:

IMARC Group provides an analysis of the key trends in each segment of the respiratory care devices market, along with forecasts at the global and regional levels for 2025-2033. Our report has categorized the market based on product, indication, and end-user.

Breakup by Product:

- Therapeutic Devices
- Positive Airway Pressure (PAP) Devices
- Ventilators
- Nebulizers
- Humidifiers
- Inhalers
- Other
- Monitoring Devices
- Pulse Oximeters
- Gas Analyzers
- Others
- Diagnostic Devices
- Spirometers
- Polysomnography Devices
- Peak Flow Meters
- Others
- Consumables and Accessories
- Masks
- Disposable Resuscitators
- Breathing Circuits
- Tracheostomy Tubes
- Nasal Cannulas
- Others

Breakup by Indication:

- Chronic Obstructive Pulmonary Disease (COPD)
- Asthma
- Sleep Apnea
- Infectious Disease
- Others

Breakup by End-User:

- Hospitals
- Home Care Settings
- Ambulatory Care Centers
- Others

Breakup by Region:

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- North America
- Europe
- Asia Pacific
- Middle East and Africa
- Latin America

Competitive Landscape:

The report has also analyzed the competitive landscape of the market with some of the key players being Philips Healthcare, ResMed, Chart Industries Inc., Hamilton Medical, Medtronic, Masimo, Drägerwerk, Invacare Corporation, Allied Healthcare Products Inc, 3B Medical Inc., Air Liquide, Fisher & Paykel Healthcare, GE Healthcare, Vyaire Medical Inc., Rotech Healthcare Inc., etc.

Key Questions Answered in This Report

- 1.What is respiratory care devices?
- 2.How big is the respiratory care devices market?
- 3.What is the expected growth rate of the global respiratory care devices market during 2025-2033?
- 4.What are the key factors driving the global respiratory care devices market?
- 5.What is the leading segment of the global respiratory care devices market based on the product?
- 6.What is the leading segment of the global respiratory care devices market based on indication?
- 7.What is the leading segment of the global respiratory care devices market based on end user?
- 8.What are the key regions in the global respiratory care devices market?
- 9.Who are the key players/companies in the global respiratory care devices market?

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