Portable Ventilator Market - Global Industry Size, Share, Trends, Opportunity, and Forecast, Segmented By Mode (Pressure Mode Ventilation, Volume Mode Ventilation, Combined Mode Ventilation, and Others), By Age Group (Neonatal and Adult), By Interface (Non-Invasive Ventilation and Invasive Ventilation), By End User (Hospitals & Clinics, Ambulatory Care Centers, and Home Care), By Region and Competition, 2020-2030F

Market Report | 2025-08-25 | 195 pages | TechSci Research

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Report description:

Market Overview
Global Portable Ventilator Market was valued at USD 978.55 million in 2024 and is expected to reach USD 1447.16 million by 2030 with a CAGR of 6.74% during the forecast period. A portable medical ventilator is a vital equipment utilized for supplying oxygen to patients with minimal care requirements. It comprises of a flexible or specialized breathing circuit, a heated humidifier or heat and moisture exchanger (HME), a control system, a monitor, alarms, and sensors. It operates by delivering gas to the lungs at normal tidal volumes and breathing rates through an endotracheal tube, cannula, or mask, utilizing positive pressure. These ventilators are also employed for providing various modes of ventilation, such as combined-, pressure-, and volume-mode ventilation, as well as assist-control, synchronized intermittent mandatory, airway pressure release, and pressure support ventilation. Consequently, portable ventilators are extensively employed for long-term respiratory care in homes, hospitals, and ambulatory care centers.
Key Market Drivers
Increasing Prevalence of Chronic Respiratory Diseases
The rising incidence of chronic respiratory diseases worldwide is a significant driver for market growth. Portable ventilators are

extensively employed in intensive care units and hospital wards to provide respiratory support for patients with conditions such as asthma, pneumonia, emphysema, and lung cancer. Chronic respiratory diseases, such as chronic obstructive pulmonary disease (COPD), asthma, and interstitial lung disease, often lead to compromised lung function. As the prevalence of these conditions rises, more individuals may require respiratory support to manage their breathing difficulties. Chronic respiratory diseases can have acute exacerbations or flare-ups that significantly worsen breathing problems. Portable ventilators can assist in managing these exacerbations, providing immediate relief and reducing the need for hospitalization. Portable ventilators empower patients to take control of their health by actively participating in their respiratory care. Patients can adjust settings and monitor their condition, leading to better treatment adherence.

Key Market Challenges

Large Population of Undiagnosed & Undertreated Patients

Lack of awareness about portable ventilators and their benefits can lead to delayed diagnosis and treatment for individuals with respiratory conditions. This delay may result in worsened symptoms and poorer outcomes. Portable ventilators can provide early intervention for individuals with respiratory distress, preventing the progression of their conditions to more severe stages. Lack of awareness may mean missed opportunities for timely treatment. Undiagnosed and undertreated patients may seek care in healthcare facilities only when their conditions worsen, leading to increased strain on hospitals and clinics. Late diagnosis and inappropriate treatment can result in higher healthcare costs due to increased hospitalizations, emergency room visits, and the need for more intensive interventions.

Key Market Trends

Potential in Emerging Economies due to Improved Healthcare Infrastructure

Rapid urbanization in emerging economies often leads to air pollution and poorer air quality. This can contribute to the development or exacerbation of respiratory conditions, further increasing the need for respiratory support solutions. Governments in emerging economies may invest in healthcare infrastructure development and prioritize respiratory care. This could include subsidizing the cost of portable ventilators to make them more accessible to a wider population. Economic growth in emerging economies can lead to increased disposable income. This, in turn, can enable more individuals to afford portable ventilators for better respiratory management. As healthcare systems in emerging economies advance, the demand for portable ventilators is likely to rise due to the various factors mentioned above. Addressing respiratory conditions and ensuring access to effective respiratory support will become a crucial component of these evolving healthcare systems.

Key Market Players

-Abbott Laboratories
-Atico Medical Pvt. Ltd.
-Avasarala Technologies
-Becton, Dickinson and Company
-Beijing Aeonmed Co., Ltd.
-Drgerwerk AG & Co.
-GE Healthcare
-Getinge AB
-Hamilton Medical AG
-Koninklijke Philips N.V.

Report Scope:

In this report, the Global Portable Ventilator Market has been segmented into the following categories, in addition to the industry trends which have also been detailed below:

-Portable Ventilator Market, By Mode:

o Pressure Mode Ventilation
o Volume Mode Ventilation
o Combined Mode Ventilation
o Others

-Portable Ventilator Market, By Age Group:

o Neonatal
o Adult
-Portable Ventilator Market, By Interface:
o Non-invasive Ventilation
o Invasive Ventilation
-Portable Ventilator Market, By End User:
o Hospitals & Clinics
o Ambulatory Care Centres
o Home Care
-Portable Ventilator Market, By Region:
o North America
 United States
 Canada
 Mexico
o Europe
 France
 United Kingdom
 Italy
 Germany
 Spain
o Asia-Pacific
 China
 India
 Japan
 Australia
 South Korea
o South America
 Brazil
 Argentina
 Colombia
o Middle East & Africa
 South Africa
 Saudi Arabia
 UAE
Competitive Landscape
Company Profiles: Detailed analysis of the major companies present in the Global Portable Ventilator Market.
Available Customizations:
Global Portable Ventilator market report with the given market data, TechSci Research offers customizations according to a company's specific needs. The following customization options are available for the report:
Company Information
-Detailed analysis and profiling of additional market players (up to five).

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