

U.S. Portable Ventilator Market by Mode, (Pressure Mode Ventilation, Volume Mode Ventilation and Others), Interface (Invasive Ventilator and Non-Invasive Ventilator), Age Group (Pediatric & Neonatal, Adult and Geriatric), and End User (Hospitals & Clinics, Ambulatory Care Centers and Homecare): Opportunity Analysis and Industry Forecast, 2020–2027

<https://marketpublishers.com/r/U597FE76A69AEN.html>

Date: January 2021

Pages: 116

Price: US\$ 2,838.00 (Single User License)

ID: U597FE76A69AEN

Abstracts

The U.S. portable ventilator market was valued at \$106.20 million in 2019 and is estimated to reach \$160.98 million by 2027 at a CAGR of 5.3% from 2019 to 2027.

Portable ventilators are used to provide oxygen to patients while commuting. The factors that drive the market are increasing breathing issues and respiratory problems among the growing population. Additionally, increasing smoking population is another factor for the growth in demand for portable ventilators. The intervention of technology in the healthcare sector has improved the operational conduct and has provided the patients with intensive care solutions.

It is a form of breathing assistance in which a patient is connected to a machine through an endotracheal tube directly applied to the airway or non-invasive (NIV) mask. It is also employed as a diagnostic tool to measure static compliance of airway resistance and irregular functioning of respiratory system.

Increase in incidences of chronic respiratory diseases, such as chronic obstructive pulmonary disease (COPD), asthma, bronchitis, and other lung disorders, and rise in

number of accidental emergencies lead to substantial requirement of portable ventilators. In addition, growth in geriatric population prone to respiratory emergencies is one of the key drivers of the market. Moreover, technological innovations in respiratory care devices, namely, non-invasive ventilation technology and portable ventilators, further supplement the market growth. Rise in preference of portable and home care ventilations for long-term ventilated patients is expected to be another major factor influencing the market growth. On the contrary, injuries associated with invasive mechanical ventilation such as pneumonia, lung injury, and barotrauma and high cost of portable ventilators are the prime factors that restrict the market growth.

The U.S. portable ventilators market is segmented on the basis of age group, interface, mode, and end user. On the basis of mode, it is classified into pressure-mode ventilation, volume-mode ventilation, and others.

On the basis of interface, the market is divided into invasive ventilation and non-invasive ventilation. Invasive ventilators are specifically designed for critically ill patients suffering from respiratory failure, congestive cardiac failure, and for newborns. The Invasive ventilators segment is expected to grow at a rapid pace as these ventilators are convenient for patients, have less side effects, and faster recovery.

On the basis of age group, the market is categorized into pediatric & neonatal, adult and geriatric. By end user, it is segmented into hospital and clinic, home care, and ambulatory care centers.

The key players operating in the U.S. portable ventilator market include Koninklijke Philips N.V., Drägerwerk AG and CO., Becton, Dickinson And Company, Getinge AB, Resmed Inc., Percussionaire Corp., Smiths Group Plc., Hamilton Medical, Medtronic Plc. and Zoll Corporation.

KEY BENEFITS FOR STAKEHOLDERS

This report provides a detailed quantitative analysis of the current market trends and future estimations from 2020 to 2027, which assists in identifying prevailing market opportunities.

An in-depth analysis of various regions is likely to provide a detailed understanding of the current trends to the stakeholders

to formulate region-specific plans.

Comprehensive analysis of factors that drive and restrain growth of the portable ventilator market are provided.

A deep dive analysis of U.S. provides insights that would allow companies to strategically plan their business moves.

KEY MARKET SEGMENTS

By Mode

Pressure mode ventilation

Volume mode ventilation

Others

By Interface

Invasive ventilator

Non-invasive ventilator

By Age Group

Pediatric & neonatal

Adult

Geriatric

By End User

Hospital and clinic

Ambulatory care centers

Home care

LIST OF KEY PLAYERS PROFILED IN THE REPORT

Becton, Dickinson And Company

Drgerwerk AG and CO.

GETINGE AB

Hamilton Medical

Koninklijke Philips N.V.

Medtronic Plc.

Percussionaire Corp.

Resmed Inc.

Smith's Group Plc.

Zoll Corporation (subsidiary of Asahi Kasei Group)

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