

Nebulizers- Market Insights, Competitive Landscape and Market Forecast–2026

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Abstracts

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Nebulizers Market By Type (Pneumatic Nebulizer, Ultrasonic Nebulizer, Mesh Nebulizer), By Portability (Tabletop Nebulizer, Portable Nebulizer), By End-User (Hospitals And Clinics, Ambulatory Surgical Centers (Asc), Emergency Centers, Others), By Geography is expected to grow at a steady CAGR forecast till 2026 owing to outbreak of the covid-19 pandemic and surge in cigarette smoking

Global Nebulizers Market was valued at USD 1.21 billion in 2020, growing at a CAGR of 7.74% during the forecast period from 2021 to 2026, to reach USD 1.88 billion by 2026. The nebulizers market is expected to witness growth due to the rising prevalence of respiratory diseases, such as asthma and COPD, technological advancements, the outbreak of the COVID-19 pandemic, and the surge in cigarette smoking.

Nebulizers Market Dynamics:

Nebulizers Market has significantly increased due to the fact that for many years, nebulizers have been used to deliver fine droplets of medications to the lungs in the treatment of asthma, COPD, and other diseases. Owing to the growing burden of respiratory diseases across the globe, the Nebulizers market has been rising significantly. Respiratory diseases such as asthma, chronic obstructive pulmonary disease (COPD), cystic fibrosis are among the leading causes of death in the world. Chronic obstructive pulmonary disease (COPD) is the third-most-leading cause of death, causing 3.23 million deaths worldwide, as per World Health Organization (WHO), 2019. Environmental exposure to tobacco smoke, indoor air pollution, and occupational dust, fumes, and chemicals are important risk factors for COPD. The organization also

estimates that about 3 million people lose their lives each year due to COPD, which is indicative of the need for nebulizers. Thus, the burgeoning cases of respiratory diseases will contribute to the Global Nebulizers Market growth.

In addition, the integration of advanced technologies, such as cloud computing, into nebulizers for continuous patient monitoring is advancing at a great pace. For instance, in December 2020, AireHealth announced it received 510(k) clearance from the US Food and Drug Administration (FDA) for its connected nebulizer. The device is a Bluetooth-enabled, portable, electronic vibrating mesh nebulizer designed to nebulize liquid medications for inhalation by a patient in and out of the home. Such technological advancement in the field of Nebulizers is likely to boost the Global Nebulizers Market.

Also, the shift in trend from table-top to portable nebulizer is fuelling the Global Nebulizers Market. Portable nebulizers provide ease of use and can reduce patient discomfort which can be achieved in remote settings, which has led to more demand for these devices, and this will drive Nebulizers Market growth.

The outbreak of the COVID-19 pandemic had a profound impact across the globe. During the pandemic, many patients required a home nebulizer for the care of their respiratory conditions. This was due to the fact that the nebulizer should be in a location that minimizes exposure to non-infected members in the hospitals or healthcare centers, as the virus may persist in droplets in the air for 1-2 hours. Therefore, the demand for nebulizers was accelerated. As this disease impairs breathing, the increasing number of COVID cases has led to the rapid procurement of nebulizers, globally. This has led to accelerating the growth of the Global Nebulizers market.

However, certain factors like drug loss during drug delivery which affect the medication dosage to be consumed, and the presence of alternative treatment options may restrict the growth of the Global Nebulizers Market.

Nebulizers Market Segment Analysis:

Nebulizers Market By Type (Pneumatic Nebulizer, Ultrasonic Nebulizer, Mesh Nebulizer), Nebulizers Market by Portability (Tabletop Nebulizer, Portable Nebulizer), Nebulizers Market by End User (Hospitals and Clinics, Ambulatory Surgical Centers (ASCs), Emergency Centers, Others), and Nebulizers Market by Geography (North America, Europe, Asia-Pacific, and Rest of the World).

In global Nebulizers market product segment, the Pneumatic Nebulizer market segment

held the major share of the Global Nebulizers market. The large market share of this product segment can be attributed to the growing patient adoption for these devices, quick treatment, mobility, and simplicity. Moreover, Pneumatic Nebulizers are capable of delivering the drug in the form of droplets in the size range of 1-5 mm, with the help of baffles incorporated due to its design. These nebulizers are mostly used for bronchodilator administration to produce a physiological response. Both technical and patient factors are involved in the growth performance of the pneumatic nebulizers segment. Technical factors, like the gas flow, the volume of the nebulizer solution, and the nebulizer output, play a crucial role in better drug delivery. Also, the low cost of pneumatic nebulizers is significantly boosting the Nebulizers Market growth. This, in turn, is expected that the pneumatic nebulizer segment will grow over the forecast period, which will also help in driving the overall Global Nebulizers Market growth.

Furthermore, due to precise medication administration to the lungs and lower residual quantities, pneumatic nebulizers are gaining commercial acceptability, which improves market penetration. All these advantages of these devices make physicians more inclined to use pneumatic nebulizers.

In addition, new product approvals are also likely to upsurge the Global Nebulizers market during the forecasted period. For instance, in January 2021, Wellinks announced the initiation of IRB approved study of digital health solutions for COPD, it will utilize a Bluetooth™ enabled version of Wellinks' Flyp Nebulizer and a suite of connected diagnostic tools including spirometry and pulse-oximetry.

Additionally, a shift in trend from table-top to portable devices will offer assistance in remote settings. This will increase the acceptance of Nebulizers for patients. Hence, all the above-mentioned factors are expected to drive the segment growth of the Nebulizers market.

North America is expected to dominate the overall Global Nebulizers Market:

North America is expected to dominate the overall Nebulizers market during the forecast period. This domination is due to the rising prevalence of respiratory diseases such as COPD, asthma, bronchitis, emphysema, lung cancer, and acute pneumonia. As per National Health Interview Survey data 2019, approximately 25 million Americans have asthma. This equals to about 1 in 13 Americans, including 8 percent of adults and 7 percent of children. Moreover, about 20 million US adults age 18 and over have asthma.

Additionally, according to National Center for Health Statistics (1999-2018), on average, ten Americans die from asthma each day. As per Asthma and Allergy Foundation of America (AAFA), In 2019, 3,524 people died from asthma. Many of these deaths are avoidable with proper treatment and care. Thus, the burgeoning cases of respiratory diseases will contribute to the growth of the Nebulizers Market in the region as the demand will increase.

Further, in North America and at global level the United States represents the largest market worldwide supported by developed healthcare infrastructure and strong adoption technological advanced products owing to the rise in healthcare expenditure by the government and increase prevalence and incidence of respiratory disease as mention above. One such technological advancement is AeroEclipse* BAN nebulizer, it is the world's only breath-actuated small volume nebulizer, developed by Trudell Medical International in Canada.

Europe and Asia-Pacific region have the future potential growth in Nebulizers market. This is owing to the rising burden of the respiratory diseases and COVID-19 pandemic in the European region countries and Asian countries. Rising product launch and commercialization agreements among the key manufacturers and other companies are anticipated to boost the Nebulizers market. For instance, PARI Pharma GmbH announced the authorization of the LAMIRA Nebulizer System for delivery of Insmad's drug product ARIKAYCE (amikacin liposome inhalation suspension) in Japan. Insmad was granted approval for ARIKAYCE by Japan's Ministry of Health, Labour, and Welfare (MHLW) on March 23rd, 2021. The approval of ARIKAYCE in Japan follows earlier approvals in the United States and Europe. LAMIRA is the first drug-specific eFlow Technology nebulizer registered beyond Europe and North America. Such initiatives are anticipated to boost the Nebulizer Market.

Nebulizers Market Key Players:

Some of the key market players operating in the Global Nebulizers Market include Koninklijke Philips N.V., Omron Healthcare, Inc., Aerogen, PARI GmbH, GF Health Products, Inc., Allied Healthcare Products Inc., TEKCELEO, BMC Medical Co., Ltd., Medtronic PLC, Invacare Corporation, Trudell Medical International, Nouvag AG, Timesco Healthcare Ltd., LAICA S.p.A., Vega Technologies Inc., Besco Medical Limited, DeVilbiss Healthcare LLC, Feellife Health Inc., Convexity Scientific Inc., Rossmax International Ltd. and others.

Recent Developmental Activities in the Nebulizers Market:

? In September 24, 2021, Resyca, Recipharm's collaborated with Medspray, and had boarded its first pharmaceutical customer on their soft mist inhaler (SMI) platform. The SMI platform includes a portable disposable nebulizer with a microspray nozzle created by spray expert Medspray, to produce a near-monodisperse aerosol with a high lung dosage.

? In August 2021, Smiths Medical announced the launch of the acapella® choice blue vibratory PEP therapy system. Vibratory PEP therapy is a drug-free supplemental treatment that can reduce COPD flare-ups and hospital length of stay by 1.5 days. The acapella® choice blue system is designed to effectively deliver medication when combined with a nebulizer.

? In November 2020, Asclepius Meditec announced that Hydrogen Oxygen Generator with Nebulizer – a respiratory medical device developed by the company for combatting the coronavirus, has been featured in a monograph titled 'Hydrogen-Oxygen Inhalation for Treatment of COVID-19'. Developed by Asclepius Meditec, Hydrogen Oxygen Generator with Nebulizer has received the National Innovative Class III medical device certificate by NMPA (Chinese National Medical Products Administration) in 2020.

Key Takeaways from the Nebulizers Market Report Study

? Market size analysis for current market size (2020), and market forecast for 5 years (2021-2026)

? The effect of the COVID-19 pandemic on this market is significant. To capture and analyze suitable indicators, our experts are closely watching the Nebulizers market.

? Top key product/services/technology developments, merger, acquisition, partnership, joint venture happened for last 3 years

? Key companies dominating the Global Nebulizers Market.

? Various opportunities are available for the other competitor in the Nebulizers Market space.

? What are the top-performing segments in 2020? How these segments will perform in 2026.

? Which are the top-performing regions and countries in the current market scenario?

? Which are the regions and countries where companies should have concentrated on opportunities for Nebulizers market growth in the coming future?

Target Audience who can be benefited from this Nebulizers Market Report Study

? Nebulizers providers

? Research organizations and consulting companies

? Nebulizers related organization, association, forum, and other alliances

? Government and corporate offices

? Start-up companies, venture capitalists, and private equity firms

? Distributors and Traders in Nebulizers

? Various End-users want to know more about the Nebulizers Market and the latest technological developments in the Nebulizers market.

Frequently Asked Questions for Nebulizers Market:

1. What are Nebulizers?

? Nebulizers are medical devices that convert liquids into aerosols which are then easily transported to the lower respiratory tract. These are commonly used as bronchodilators and help in the treatment of patients suffering from respiratory diseases such as asthma, chronic obstructive pulmonary disease (COPD), cystic fibrosis, and other respiratory diseases.

2. What is the market for Global Nebulizers?

? Global Nebulizers Market was valued at USD 1.21 billion in 2020, growing at a CAGR of 7.74% during the forecast period from 2021 to 2026, to reach USD 1.88 billion by 2026.

3. What are the drivers for Global Nebulizers?

? The major drivers driving the demand for Nebulizers are the rising prevalence of respiratory diseases, such as asthma and COPD, the outbreak of the COVID-19 pandemic, demand for devices that can be used in home settings, the surge in cigarette smoking, and rising technological advancements with respect to device.

4. What are the key players operating in Global Nebulizers?

? Some of the key market players operating in the Nebulizers market include Koninklijke Philips N.V., Omron Healthcare, Inc., Aerogen, PARI GmbH, GF Health Products, Inc., Allied Healthcare Products Inc., TEKCELEO, BMC Medical Co., Ltd., Medtronic PLC, Invacare Corporation, Trudell Medical International, Novag AG, Timesco Healthcare Ltd., LAICA S.p.A., Vega Technologies Inc., Besco Medical Limited, DeVilbiss Healthcare LLC, Feellife Health Inc., Convexity Scientific Inc., Rossmax International Ltd. and others.

5. Which regions has the highest share in the Nebulizers market?

? North America is expected to dominate the overall global Nebulizers market during the forecast period from 2021 to 2026. This domination is owing to the rising prevalence of respiratory diseases and outbreak of COVID-19 pandemic.

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