

Respiratory Devices And Equipment (Therapeutic) Market Outlook 2025-2034: Market Share, and Growth Analysis By Product (Nebulizers, Humidifiers, Oxygen Concentrators, Positive Airway Pressure Devices, Ventilators, Capnographs, Gas Analyzers), By Technology (HEPA Filter, Electrostatic Filtration, Microsphere Separation, Hollow Fiber Filtration, Other Technologies), By End-User

<https://marketpublishers.com/r/RC23EC7123D6EN.html>

Date: October 2025

Pages: 160

Price: US\$ 3,950.00 (Single User License)

ID: RC23EC7123D6EN

Abstracts

The Respiratory Devices And Equipment (Therapeutic) Market is valued at USD 21.7 billion in 2025 and is projected to grow at a CAGR of 10.4% to reach USD 52.8 billion by 2034. The Respiratory Devices and Equipment (Therapeutic) Market is a vital segment of global healthcare, catering to patients suffering from chronic and acute respiratory conditions such as asthma, chronic obstructive pulmonary disease (COPD), sleep apnea, pulmonary edema, and respiratory failure. This market includes a broad range of devices like ventilators, nebulizers, oxygen concentrators, humidifiers, and CPAP/BiPAP machines, used in clinical and home-care settings. The market has witnessed sustained demand due to the rising prevalence of respiratory diseases, an aging population, increased air pollution, and lifestyle-related health conditions. The shift toward home healthcare, coupled with technological innovations in portability and connectivity, is further driving market growth. Manufacturers are focused on developing lightweight, energy-efficient, and user-friendly devices, while governments and health organizations are actively promoting early treatment and management of respiratory conditions to improve outcomes and reduce healthcare costs. Therapeutic respiratory devices market continued to expand, supported by increased investment in respiratory care infrastructure and growing public health awareness post-COVID-19. There was a

strong demand for advanced ventilators with intelligent pressure control and real-time data feedback, especially in critical care environments. CPAP and BiPAP devices saw rising adoption among sleep apnea patients, as awareness and diagnostic rates improved. Home-use oxygen concentrators and portable nebulizers became more popular, particularly among elderly and chronic disease patients seeking convenience and mobility. Key markets in North America and Europe focused on improving home-based respiratory care delivery, while emerging regions ramped up their adoption of basic therapeutic devices through government-backed health programs. Remote monitoring capabilities were increasingly integrated into therapeutic devices, allowing clinicians to track adherence and outcomes more efficiently. Innovations in humidification, battery life, and noise control enhanced user experience, while device miniaturization continued to influence design trends. Therapeutic respiratory devices market is expected to witness further advancements in digital integration, patient personalization, and sustainability. AI and machine learning will support predictive therapy adjustments, helping tailor treatment based on real-time patient data and usage trends. More compact, wearable, and multifunctional devices will emerge to serve both acute care and long-term therapy needs. The integration of therapeutic devices with telehealth platforms will drive greater care continuity, especially in remote and underserved areas. Manufacturers will also explore greener product designs and recyclable materials to align with global sustainability goals. As healthcare systems seek cost-effective and scalable respiratory care models, partnerships between device makers, payers, and providers will become increasingly essential. However, price sensitivity and uneven access in developing regions may continue to limit market penetration unless supported by broader policy frameworks and health financing reforms.

Key Insights Respiratory Devices And Equipment (Therapeutic) Market

Portable and wearable therapeutic devices are gaining traction, enabling greater mobility and improved adherence among chronic respiratory patients.

Smart CPAP and BiPAP machines with Bluetooth connectivity and cloud-based data logging are enhancing remote monitoring and personalized care.

Integration of AI and machine learning into ventilators and oxygen therapy devices is enabling real-time therapy optimization.

Hybrid respiratory devices combining humidification, oxygen delivery, and monitoring functions are streamlining respiratory therapy at home and in

hospitals.

Eco-conscious design initiatives are encouraging the development of sustainable, energy-efficient, and recyclable respiratory device components.

Increasing global prevalence of respiratory diseases such as COPD, asthma, and sleep apnea is driving continuous demand for therapeutic solutions.

Rising adoption of home-based respiratory care models is creating demand for compact, easy-to-use, and reliable therapeutic devices.

Technological advancements in digital health and device integration are improving patient engagement, treatment accuracy, and clinical oversight.

Government initiatives to improve respiratory healthcare access, especially in emerging markets, are expanding the customer base for basic and advanced devices.

High cost of advanced respiratory therapy devices and limited reimbursement coverage in low-income regions restrict access, especially in rural areas and underfunded health systems.

Respiratory Devices And Equipment (Therapeutic) Market Segmentation

By Product

Nebulizers

Humidifiers

Oxygen Concentrators

Positive Airway Pressure Devices

Ventilators

Capnographs

Gas Analyzers

By Technology

HEPA Filter

Electrostatic Filtration

Microsphere Separation

Hollow Fiber Filtration

Other Technologies

By End-User

Homecare settings

Hospitals

Key Companies Analysed

Hamilton Medical AG

Koninklijke Philips N.V.

Smiths Medical

GE Healthcare

Philips Healthcare

Chart Industries Inc.

Invacare Corporation

Fisher & Paykel Healthcare Limited

ResMed Inc.

Drägerwerk AG & Co. KGaA

Medtronic plc

Masimo Corporation

CareFusion Corporation

Getinge AB

Hill-Rom Holdings Inc.

Becton

Dickinson and Company

Air Liquide S.A.

Vyaire Medical Inc.

Compumedics Limited

Covidien plc

Mindray Medical International Limited

Inogen Inc.

Nihon Kohden Corporation

Siemens Healthcare GmbH

Teleflex Incorporated

Breas Medical AB

AirSep Corporation

Rotech Healthcare Inc.

3B Medical Inc.

Respiratory Devices And Equipment (Therapeutic) Market Analytics

The report employs rigorous tools, including Porter's Five Forces, value chain mapping, and scenario-based modeling, to assess supply–demand dynamics. Cross-sector influences from parent, derived, and substitute markets are evaluated to identify risks and opportunities. Trade and pricing analytics provide an up-to-date view of international flows, including leading exporters, importers, and regional price trends.

Macroeconomic indicators, policy frameworks such as carbon pricing and energy security strategies, and evolving consumer behavior are considered in forecasting scenarios. Recent deal flows, partnerships, and technology innovations are incorporated to assess their impact on future market performance.

Respiratory Devices And Equipment (Therapeutic) Market Competitive Intelligence

The competitive landscape is mapped through OG Analysis' proprietary frameworks, profiling leading companies with details on business models, product portfolios, financial performance, and strategic initiatives. Key developments such as mergers & acquisitions, technology collaborations, investment inflows, and regional expansions are analyzed for their competitive impact. The report also identifies emerging players and innovative startups contributing to market disruption.

Regional insights highlight the most promising investment destinations, regulatory landscapes, and evolving partnerships across energy and industrial corridors.

Countries Covered

North America — Respiratory Devices And Equipment (Therapeutic) market data and outlook to 2034

United States

Canada

Mexico

Europe — Respiratory Devices And Equipment (Therapeutic) market data and outlook to 2034

Germany

United Kingdom

France

Italy

Spain

BeNeLux

Russia

Sweden

Asia-Pacific — Respiratory Devices And Equipment (Therapeutic) market data and outlook to 2034

China

Japan

India

South Korea

Australia

Indonesia

Malaysia

Vietnam

Middle East and Africa — Respiratory Devices And Equipment (Therapeutic)
market data and outlook to 2034

Saudi Arabia

South Africa

Iran

UAE

Egypt

South and Central America — Respiratory Devices And Equipment (Therapeutic)
market data and outlook to 2034

Brazil

Argentina

Chile

Peru

** We can include data and analysis of additional countries on demand.*

Research Methodology

This study combines primary inputs from industry experts across the Respiratory Devices And Equipment (Therapeutic) value chain with secondary data from associations, government publications, trade databases, and company disclosures. Proprietary modeling techniques, including data triangulation, statistical correlation, and scenario planning, are applied to deliver reliable market sizing and forecasting.

Key Questions Addressed

What is the current and forecast market size of the Respiratory Devices And Equipment (Therapeutic) industry at global, regional, and country levels?

Which types, applications, and technologies present the highest growth potential?

How are supply chains adapting to geopolitical and economic shocks?

What role do policy frameworks, trade flows, and sustainability targets play in shaping demand?

Who are the leading players, and how are their strategies evolving in the face of global uncertainty?

Which regional “hotspots” and customer segments will outpace the market, and what go-to-market and partnership models best support entry and expansion?

Where are the most investable opportunities—across technology roadmaps, sustainability-linked innovation, and M&A—and what is the best segment to invest over the next 3–5 years?

Your Key Takeaways from the Respiratory Devices And Equipment (Therapeutic) Market Report

Global Respiratory Devices And Equipment (Therapeutic) market size and growth projections (CAGR), 2024-2034

Impact of Russia-Ukraine, Israel-Palestine, and Hamas conflicts on Respiratory Devices And Equipment (Therapeutic) trade, costs, and supply chains

Respiratory Devices And Equipment (Therapeutic) market size, share, and outlook across 5 regions and 27 countries, 2023-2034

Respiratory Devices And Equipment (Therapeutic) market size, CAGR, and market share of key products, applications, and end-user verticals, 2023-2034

Short- and long-term Respiratory Devices And Equipment (Therapeutic) market trends, drivers, restraints, and opportunities

Porter's Five Forces analysis, technological developments, and Respiratory Devices And Equipment (Therapeutic) supply chain analysis

Respiratory Devices And Equipment (Therapeutic) trade analysis, Respiratory Devices And Equipment (Therapeutic) market price analysis, and Respiratory Devices And Equipment (Therapeutic) supply/demand dynamics

Profiles of 5 leading companies—overview, key strategies, financials, and products

Latest Respiratory Devices And Equipment (Therapeutic) market news and developments

Additional Support

With the purchase of this report, you will receive

An updated PDF report and an MS Excel data workbook containing all market tables and figures for easy analysis.

7-day post-sale analyst support for clarifications and in-scope supplementary data, ensuring the deliverable aligns precisely with your requirements.

Complimentary report update to incorporate the latest available data and the impact of recent market developments.

** The updated report will be delivered within 3 working days*

Contents

1. TABLE OF CONTENTS

- 1.1 List of Tables
- 1.2 List of Figures

2. GLOBAL RESPIRATORY DEVICES AND EQUIPMENT (THERAPEUTIC) MARKET SUMMARY, 2025

- 2.1 Respiratory Devices And Equipment (Therapeutic) Industry Overview
 - 2.1.1 Global Respiratory Devices And Equipment (Therapeutic) Market Revenues (In US\$ billion)
- 2.2 Respiratory Devices And Equipment (Therapeutic) Market Scope
- 2.3 Research Methodology

3. RESPIRATORY DEVICES AND EQUIPMENT (THERAPEUTIC) MARKET INSIGHTS, 2024-2034

- 3.1 Respiratory Devices And Equipment (Therapeutic) Market Drivers
- 3.2 Respiratory Devices And Equipment (Therapeutic) Market Restraints
- 3.3 Respiratory Devices And Equipment (Therapeutic) Market Opportunities
- 3.4 Respiratory Devices And Equipment (Therapeutic) Market Challenges
- 3.5 Tariff Impact on Global Respiratory Devices And Equipment (Therapeutic) Supply Chain Patterns

4. RESPIRATORY DEVICES AND EQUIPMENT (THERAPEUTIC) MARKET ANALYTICS

- 4.1 Respiratory Devices And Equipment (Therapeutic) Market Size and Share, Key Products, 2025 Vs 2034
- 4.2 Respiratory Devices And Equipment (Therapeutic) Market Size and Share, Dominant Applications, 2025 Vs 2034
- 4.3 Respiratory Devices And Equipment (Therapeutic) Market Size and Share, Leading End Uses, 2025 Vs 2034
- 4.4 Respiratory Devices And Equipment (Therapeutic) Market Size and Share, High Growth Countries, 2025 Vs 2034
- 4.5 Five Forces Analysis for Global Respiratory Devices And Equipment (Therapeutic) Market

4.5.1 Respiratory Devices And Equipment (Therapeutic) Industry Attractiveness Index, 2025

4.5.2 Respiratory Devices And Equipment (Therapeutic) Supplier Intelligence

4.5.3 Respiratory Devices And Equipment (Therapeutic) Buyer Intelligence

4.5.4 Respiratory Devices And Equipment (Therapeutic) Competition Intelligence

4.5.5 Respiratory Devices And Equipment (Therapeutic) Product Alternatives and Substitutes Intelligence

4.5.6 Respiratory Devices And Equipment (Therapeutic) Market Entry Intelligence

5. GLOBAL RESPIRATORY DEVICES AND EQUIPMENT (THERAPEUTIC) MARKET STATISTICS – INDUSTRY REVENUE, MARKET SHARE, GROWTH TRENDS AND FORECAST BY SEGMENTS, TO 2034

5.1 World Respiratory Devices And Equipment (Therapeutic) Market Size, Potential and Growth Outlook, 2024- 2034 (\$ billion)

5.1 Global Respiratory Devices And Equipment (Therapeutic) Sales Outlook and CAGR Growth By Product, 2024- 2034 (\$ billion)

5.2 Global Respiratory Devices And Equipment (Therapeutic) Sales Outlook and CAGR Growth By Technology, 2024- 2034 (\$ billion)

5.3 Global Respiratory Devices And Equipment (Therapeutic) Sales Outlook and CAGR Growth By End-User, 2024- 2034 (\$ billion)

5.4 Global Respiratory Devices And Equipment (Therapeutic) Market Sales Outlook and Growth by Region, 2024- 2034 (\$ billion)

6. ASIA PACIFIC RESPIRATORY DEVICES AND EQUIPMENT (THERAPEUTIC) INDUSTRY STATISTICS – MARKET SIZE, SHARE, COMPETITION AND OUTLOOK

6.1 Asia Pacific Respiratory Devices And Equipment (Therapeutic) Market Insights, 2025

6.2 Asia Pacific Respiratory Devices And Equipment (Therapeutic) Market Revenue Forecast By Product, 2024- 2034 (USD billion)

6.3 Asia Pacific Respiratory Devices And Equipment (Therapeutic) Market Revenue Forecast By Technology, 2024- 2034 (USD billion)

6.4 Asia Pacific Respiratory Devices And Equipment (Therapeutic) Market Revenue Forecast By End-User, 2024- 2034 (USD billion)

6.5 Asia Pacific Respiratory Devices And Equipment (Therapeutic) Market Revenue Forecast by Country, 2024- 2034 (USD billion)

6.5.1 China Respiratory Devices And Equipment (Therapeutic) Market Size, Opportunities, Growth 2024- 2034

6.5.2 India Respiratory Devices And Equipment (Therapeutic) Market Size, Opportunities, Growth 2024- 2034

6.5.3 Japan Respiratory Devices And Equipment (Therapeutic) Market Size, Opportunities, Growth 2024- 2034

6.5.4 Australia Respiratory Devices And Equipment (Therapeutic) Market Size, Opportunities, Growth 2024- 2034

7. EUROPE RESPIRATORY DEVICES AND EQUIPMENT (THERAPEUTIC) MARKET DATA, PENETRATION, AND BUSINESS PROSPECTS TO 2034

7.1 Europe Respiratory Devices And Equipment (Therapeutic) Market Key Findings, 2025

7.2 Europe Respiratory Devices And Equipment (Therapeutic) Market Size and Percentage Breakdown By Product, 2024- 2034 (USD billion)

7.3 Europe Respiratory Devices And Equipment (Therapeutic) Market Size and Percentage Breakdown By Technology, 2024- 2034 (USD billion)

7.4 Europe Respiratory Devices And Equipment (Therapeutic) Market Size and Percentage Breakdown By End-User, 2024- 2034 (USD billion)

7.5 Europe Respiratory Devices And Equipment (Therapeutic) Market Size and Percentage Breakdown by Country, 2024- 2034 (USD billion)

7.5.1 Germany Respiratory Devices And Equipment (Therapeutic) Market Size, Trends, Growth Outlook to 2034

7.5.2 United Kingdom Respiratory Devices And Equipment (Therapeutic) Market Size, Trends, Growth Outlook to 2034

7.5.2 France Respiratory Devices And Equipment (Therapeutic) Market Size, Trends, Growth Outlook to 2034

7.5.2 Italy Respiratory Devices And Equipment (Therapeutic) Market Size, Trends, Growth Outlook to 2034

7.5.2 Spain Respiratory Devices And Equipment (Therapeutic) Market Size, Trends, Growth Outlook to 2034

8. NORTH AMERICA RESPIRATORY DEVICES AND EQUIPMENT (THERAPEUTIC) MARKET SIZE, GROWTH TRENDS, AND FUTURE PROSPECTS TO 2034

8.1 North America Snapshot, 2025

8.2 North America Respiratory Devices And Equipment (Therapeutic) Market Analysis and Outlook By Product, 2024- 2034 (\$ billion)

8.3 North America Respiratory Devices And Equipment (Therapeutic) Market Analysis and Outlook By Technology, 2024- 2034 (\$ billion)

8.4 North America Respiratory Devices And Equipment (Therapeutic) Market Analysis and Outlook By End-User, 2024- 2034 (\$ billion)

8.5 North America Respiratory Devices And Equipment (Therapeutic) Market Analysis and Outlook by Country, 2024- 2034 (\$ billion)

8.5.1 United States Respiratory Devices And Equipment (Therapeutic) Market Size, Share, Growth Trends and Forecast, 2024- 2034

8.5.1 Canada Respiratory Devices And Equipment (Therapeutic) Market Size, Share, Growth Trends and Forecast, 2024- 2034

8.5.1 Mexico Respiratory Devices And Equipment (Therapeutic) Market Size, Share, Growth Trends and Forecast, 2024- 2034

9. SOUTH AND CENTRAL AMERICA RESPIRATORY DEVICES AND EQUIPMENT (THERAPEUTIC) MARKET DRIVERS, CHALLENGES, AND FUTURE PROSPECTS

9.1 Latin America Respiratory Devices And Equipment (Therapeutic) Market Data, 2025

9.2 Latin America Respiratory Devices And Equipment (Therapeutic) Market Future By Product, 2024- 2034 (\$ billion)

9.3 Latin America Respiratory Devices And Equipment (Therapeutic) Market Future By Technology, 2024- 2034 (\$ billion)

9.4 Latin America Respiratory Devices And Equipment (Therapeutic) Market Future By End-User, 2024- 2034 (\$ billion)

9.5 Latin America Respiratory Devices And Equipment (Therapeutic) Market Future by Country, 2024- 2034 (\$ billion)

9.5.1 Brazil Respiratory Devices And Equipment (Therapeutic) Market Size, Share and Opportunities to 2034

9.5.2 Argentina Respiratory Devices And Equipment (Therapeutic) Market Size, Share and Opportunities to 2034

10. MIDDLE EAST AFRICA RESPIRATORY DEVICES AND EQUIPMENT (THERAPEUTIC) MARKET OUTLOOK AND GROWTH PROSPECTS

10.1 Middle East Africa Overview, 2025

10.2 Middle East Africa Respiratory Devices And Equipment (Therapeutic) Market Statistics By Product, 2024- 2034 (USD billion)

10.3 Middle East Africa Respiratory Devices And Equipment (Therapeutic) Market Statistics By Technology, 2024- 2034 (USD billion)

10.4 Middle East Africa Respiratory Devices And Equipment (Therapeutic) Market Statistics By End-User, 2024- 2034 (USD billion)

10.5 Middle East Africa Respiratory Devices And Equipment (Therapeutic) Market

Statistics by Country, 2024- 2034 (USD billion)

10.5.1 Middle East Respiratory Devices And Equipment (Therapeutic) Market Value, Trends, Growth Forecasts to 2034

10.5.2 Africa Respiratory Devices And Equipment (Therapeutic) Market Value, Trends, Growth Forecasts to 2034

11. RESPIRATORY DEVICES AND EQUIPMENT (THERAPEUTIC) MARKET STRUCTURE AND COMPETITIVE LANDSCAPE

11.1 Key Companies in Respiratory Devices And Equipment (Therapeutic) Industry

11.2 Respiratory Devices And Equipment (Therapeutic) Business Overview

11.3 Respiratory Devices And Equipment (Therapeutic) Product Portfolio Analysis

11.4 Financial Analysis

11.5 SWOT Analysis

12 APPENDIX

12.1 Global Respiratory Devices And Equipment (Therapeutic) Market Volume (Tons)

12.1 Global Respiratory Devices And Equipment (Therapeutic) Trade and Price Analysis

12.2 Respiratory Devices And Equipment (Therapeutic) Parent Market and Other Relevant Analysis

12.3 Publisher Expertise

12.2 Respiratory Devices And Equipment (Therapeutic) Industry Report Sources and Methodology

I would like to order

Product name: Respiratory Devices And Equipment (Therapeutic) Market Outlook 2025-2034: Market Share, and Growth Analysis By Product (Nebulizers, Humidifiers, Oxygen Concentrators, Positive Airway Pressure Devices, Ventilators, Capnographs, Gas Analyzers), By Technology (HEPA Filter, Electrostatic Filtration, Microsphere Separation, Hollow Fiber Filtration, Other Technologies), By End-User

Product link: <https://marketpublishers.com/r/RC23EC7123D6EN.html>

Price: US\$ 3,950.00 (Single User License / Electronic Delivery)

If you want to order Corporate License or Hard Copy, please, contact our Customer Service:

info@marketpublishers.com

Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <https://marketpublishers.com/r/RC23EC7123D6EN.html>