

# Inhaled Nitric Oxide Delivery Systems Market Size, Trends, Analysis, and Outlook By Type (Pediatrics, Adult), By Application (Hypoxic Respiratory Failure (HRF), Adult Respiratory Distress Syndrome (ARDS), Others), By Product (System, Disposables), By End-User (Hospitals, Ambulatory Centers, Clinics), by Region, Country, Segment, and Companies, 2024-2030

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## Abstracts

The global Inhaled Nitric Oxide Delivery Systems market size is poised to register 8.48% growth from 2024 to 2030, presenting significant growth prospects for companies operating in the industry. The industry study analyzes the global Inhaled Nitric Oxide Delivery Systems market across By Type (Pediatrics, Adult), By Application (Hypoxic Respiratory Failure (HRF), Adult Respiratory Distress Syndrome (ARDS), Others), By Product (System, Disposables), By End-User (Hospitals, Ambulatory Centers, Clinics).

The inhaled nitric oxide delivery systems market is witnessing notable growth, driven by increasing demand for pulmonary vasodilator therapy, expanding applications in neonatal and pediatric critical care, and advancements in nitric oxide delivery technologies. Inhaled nitric oxide (iNO) is a selective pulmonary vasodilator that relaxes vascular smooth muscle in the lungs, reducing pulmonary artery pressure and improving oxygenation in patients with acute respiratory distress syndrome (ARDS), persistent pulmonary hypertension of the newborn (PPHN), and other pulmonary vascular disorders. With a growing emphasis on respiratory support, oxygenation strategies, and lung protective ventilation, neonatologists, pediatric intensivists, and respiratory therapists are utilizing iNO therapy as a rescue treatment or adjunctive therapy to optimize gas exchange and hemodynamic stability in critically ill patients. Moreover, advancements in iNO delivery systems, gas cylinder technology, and dosing

algorithms are driving market expansion, offering new opportunities to improve drug administration precision, reduce nitric oxide toxicity, and enhance patient safety in the intensive care unit (ICU) and neonatal intensive care unit (NICU). Additionally, collaborations between medical device manufacturers, healthcare providers, and regulatory agencies are driving innovation in iNO delivery systems, fostering the development of integrated respiratory care solutions, telemedicine platforms, and clinical decision support tools to optimize nitric oxide therapy and improve outcomes for patients with respiratory failure and pulmonary hypertension.

## Inhaled Nitric Oxide Delivery Systems Market Drivers, Trends, Opportunities, and Growth Opportunities

This comprehensive study discusses the latest trends and the most pressing challenges for industry players and investors. The Inhaled Nitric Oxide Delivery Systems market research analyses the global market trends, key drivers, challenges, and opportunities in the industry. In addition, the latest Future of Inhaled Nitric Oxide Delivery Systems survey report provides the market size outlook across types, applications, and other segments across the world and regions. It provides data-driven insights and actionable recommendations for companies in the Inhaled Nitric Oxide Delivery Systems industry.

## Key market trends defining the global Inhaled Nitric Oxide Delivery Systems demand in 2024 and Beyond

The industry continues to remain an attractive hub for opportunities for both domestic and global vendors. As the market evolves, factors such as emerging market dynamics, demand from end-user sectors, a growing patient base, changes in consumption patterns, and widening distribution channels continue to play a major role.

## Inhaled Nitric Oxide Delivery Systems Market Segmentation- Industry Share, Market Size, and Outlook to 2030

The Inhaled Nitric Oxide Delivery Systems industry comprises a wide range of segments and sub-segments. The rising demand for these product types and applications is supporting companies to increase their investment levels across niche segments. Accordingly, leading companies plan to generate a large share of their future revenue growth from expansion into these niche segments. The report presents the market size outlook across segments to support Inhaled Nitric Oxide Delivery Systems companies scaling up production in these sub-segments with a focus on expanding into emerging countries.

Key strategies adopted by companies within the Inhaled Nitric Oxide Delivery Systems industry

Leading Inhaled Nitric Oxide Delivery Systems companies are boosting investments to capitalize on untapped potential and future possibilities across niche market segments and surging demand conditions in key regions. Further, companies are leveraging advanced technologies to unlock opportunities and achieve operational excellence. The report provides key strategies opted for by the top 10 Inhaled Nitric Oxide Delivery Systems companies.

### Inhaled Nitric Oxide Delivery Systems Market Study- Strategic Analysis Review

The Inhaled Nitric Oxide Delivery Systems market research report dives deep into the qualitative factors shaping the market, empowering you to make informed decisions-

**Industry Dynamics:** Porter's Five Forces analysis to understand bargaining power, competitive rivalry, and threats that impact long-term strategy formulation.

**Strategic Insights:** Provides valuable perspectives on key players and their approaches based on comprehensive strategy analysis.

**Internal Strengths and Weaknesses:** Develop targeted strategies to leverage strengths, address weaknesses, and capitalize on market opportunities.

**Future Possibilities:** Prepare for diverse outcomes with in-depth scenario analysis. Explore potential market disruptions, technology advancements, and economic changes.

### Inhaled Nitric Oxide Delivery Systems Market Size Outlook- Historic and Forecast Revenue in Three Cases

The Inhaled Nitric Oxide Delivery Systems industry report provides a detailed analysis and outlook of revenue generated by companies from 2018 to 2023. Further, with actual data for 2023, the report forecasts the market size outlook from 2024 to 2030 in three case scenarios- low case, reference case, and high case scenarios.

## Inhaled Nitric Oxide Delivery Systems Country Analysis and Revenue Outlook to 2030

The report analyses 22 countries worldwide including the key driving forces and market size outlook from 2021 to 2030. In addition, region analysis across Asia Pacific, Europe, the Middle East, Africa, North America, and South America is included in the study. For each of the six regions, the market size outlook by segments is forecast for 2030.

### North America Inhaled Nitric Oxide Delivery Systems Market Size Outlook- Companies plan for focused investments in a changing environment

The US continues to remain the market leader in North America, driven by a large consumer base, the presence of well-established providers, and a strong end-user industry demand. Leading companies focus on new product launches in the changing environment. The US economy is expected to grow in 2024 (around 2.2% growth in 2024), potentially driving demand for various Inhaled Nitric Oxide Delivery Systems market segments. Similarly, Strong end-user demand is encouraging Canadian Inhaled Nitric Oxide Delivery Systems companies to invest in niche segments. Further, as Mexico continues to strengthen its trade relations and invest in technological advancements, the Mexico Inhaled Nitric Oxide Delivery Systems market is expected to experience significant expansion, offering lucrative opportunities for both domestic and international stakeholders.

### Europe Inhaled Nitric Oxide Delivery Systems Market Size Outlook-Companies investing in assessing consumers, categories, competitors, and capabilities

The German industry remains the major market for companies in the European Inhaled Nitric Oxide Delivery Systems industry with consumers in Germany, France, the UK, Spain, Italy, and others anticipated to register a steady demand throughout the forecast period, driving the overall market prospects. In addition, the proactive approach of businesses in identifying and leveraging new growth prospects positions the European Inhaled Nitric Oxide Delivery Systems market for an upward trajectory, fostering both domestic and international interest. Leading brands operating in the industry are emphasizing effective marketing strategies, innovative product offerings, and a keen understanding of consumer preferences.

### Asia Pacific Inhaled Nitric Oxide Delivery Systems Market Size Outlook- an attractive hub for opportunities for both local and global companies

The increasing prevalence of indications, robust healthcare expenditure, and increasing

investments in healthcare infrastructure drive the demand for Inhaled Nitric Oxide Delivery Systems in Asia Pacific. In particular, China, India, and South East Asian Inhaled Nitric Oxide Delivery Systems markets present a compelling outlook for 2030, acting as a magnet for both domestic and multinational manufacturers seeking growth opportunities. Similarly, with a burgeoning population and a rising middle class, India offers a vast consumer market. Japanese and Korean companies are quickly aligning their strategies to navigate changes, explore new markets, and enhance their competitive edge. Our report utilizes in-depth interviews with industry experts and comprehensive data analysis to provide a comprehensive outlook of 6 major markets in the region.

#### Latin America Inhaled Nitric Oxide Delivery Systems Market Size Outlook- Continued urbanization and rising income levels

Rising income levels contribute to greater purchasing power among consumers, spurring consumption and creating opportunities for market expansion. Continued urbanization and rising income levels are expected to sustainably drive consumption growth in the medium to long term.

#### Middle East and Africa Inhaled Nitric Oxide Delivery Systems Market Size Outlook- continues its upward trajectory across segments

Robust demand from Middle Eastern countries including Saudi Arabia, the UAE, Qatar, Kuwait, and other GCC countries supports the overall Middle East Inhaled Nitric Oxide Delivery Systems market potential. Fueled by increasing healthcare expenditure of individuals, growing population, and high prevalence across a few markets drives the demand for Inhaled Nitric Oxide Delivery Systems.

#### Inhaled Nitric Oxide Delivery Systems Market Company Profiles

The global Inhaled Nitric Oxide Delivery Systems market is characterized by intense competitive conditions with leading companies opting for aggressive marketing to gain market shares. The report presents business descriptions, SWOT analysis, growth strategies, and financial profiles. Leading companies included in the study are Air Liquide Healthcare, Bellerophon Therapeutics, Beyond Air, Circassia Pharmaceuticals, Getinge, LINDE, Mallinckrodt Pharmaceuticals, NU MED, SLE, Vero Biotech

#### Recent Inhaled Nitric Oxide Delivery Systems Market Developments

The global Inhaled Nitric Oxide Delivery Systems market study presents recent market news and developments including new product launches, mergers, acquisitions, expansions, product approvals, and other updates in the industry.

## Inhaled Nitric Oxide Delivery Systems Market Report Scope

Parameters: Revenue, Volume Price

Study Period: 2023 (Base Year); 2018- 2023 (Historic Period); 2024- 2030 (Forecast Period)

Currency: USD; (Upon request, can be provided in Euro, JPY, GBP, and other Local Currency)

## Qualitative Analysis

Pricing Analysis

Value Chain Analysis

SWOT Profile

Market Dynamics- Trends, Drivers, Challenges

Porter's Five Forces Analysis

Macroeconomic Impact Analysis

Case Scenarios- Low, Base, High

## Market Segmentation:

By Type

Pediatrics

Adult

By Application

Hypoxic Respiratory Failure (HRF)

Adult Respiratory Distress Syndrome (ARDS)

Others

By Product

System

Disposables

By End-User

Hospitals

Ambulatory Centers

Clinics

Geographical Segmentation:

North America (3 markets)

Europe (6 markets)

Asia Pacific (6 markets)

Latin America (3 markets)

Middle East Africa (5 markets)

Companies

Air Liquide Healthcare

Bellerophon Therapeutics

Beyond Air

Circassia Pharmaceuticals

Getinge

LINDE

Mallinckrodt Pharmaceuticals

NU MED

SLE

Vero Biotech

Formats Available: Excel, PDF, and PPT



## Contents

### **1. EXECUTIVE SUMMARY**

- 1.1 Inhaled Nitric Oxide Delivery Systems Market Overview and Key Findings, 2024
- 1.2 Inhaled Nitric Oxide Delivery Systems Market Size and Growth Outlook, 2021- 2030
- 1.3 Inhaled Nitric Oxide Delivery Systems Market Growth Opportunities to 2030
- 1.4 Key Inhaled Nitric Oxide Delivery Systems Market Trends and Challenges
  - 1.4.1 Inhaled Nitric Oxide Delivery Systems Market Drivers and Trends
  - 1.4.2 Inhaled Nitric Oxide Delivery Systems Market Challenges
- 1.5 Competitive Landscape and Key Players
- 1.6 Competitive Analysis- Growth Strategies Adopted by Leading Inhaled Nitric Oxide Delivery Systems Companies

### **2. INHALED NITRIC OXIDE DELIVERY SYSTEMS MARKET SIZE OUTLOOK TO 2030**

- 2.1 Inhaled Nitric Oxide Delivery Systems Market Size Outlook, USD Million, 2021-2030
- 2.2 Inhaled Nitric Oxide Delivery Systems Incremental Market Growth Outlook, %, 2021- 2030
- 2.3 Segment Snapshot, 2024

### **3. INHALED NITRIC OXIDE DELIVERY SYSTEMS MARKET- STRATEGIC ANALYSIS REVIEW**

- 3.1 Porter's Five Forces Analysis
  - \* Threat of New Entrants
  - \* Threat of Substitutes
  - \* Intensity of Competitive Rivalry
  - \* Bargaining Power of Buyers
  - \* Bargaining Power of Suppliers
- 3.2 Value Chain Analysis
- 3.3 SWOT Analysis

### **4. INHALED NITRIC OXIDE DELIVERY SYSTEMS MARKET SEGMENTATION ANALYSIS AND OUTLOOK**

- 4.1 Market Segmentation and Scope

## 4.2 Market Breakdown by Type, Application, and Other Segments, 2021-2030

By Type

Pediatrics

Adult

By Application

Hypoxic Respiratory Failure (HRF)

Adult Respiratory Distress Syndrome (ARDS)

Others

By Product

System

Disposables

By End-User

Hospitals

Ambulatory Centers

Clinics

4.3 Growth Prospects and Niche Opportunities, 2023- 2030

4.4 Regional comparison of Market Growth, CAGR, 2023-2030

## 5. REGION-WISE MARKET OUTLOOK TO 2030

5.1 Key Findings for Asia Pacific Inhaled Nitric Oxide Delivery Systems Market, 2025

5.2 Asia Pacific Inhaled Nitric Oxide Delivery Systems Market Size Outlook by Type, 2021- 2030

5.3 Asia Pacific Inhaled Nitric Oxide Delivery Systems Market Size Outlook by Application, 2021- 2030

5.4 Key Findings for Europe Inhaled Nitric Oxide Delivery Systems Market, 2025

5.5 Europe Inhaled Nitric Oxide Delivery Systems Market Size Outlook by Type, 2021- 2030

5.6 Europe Inhaled Nitric Oxide Delivery Systems Market Size Outlook by Application, 2021- 2030

5.7 Key Findings for North America Inhaled Nitric Oxide Delivery Systems Market, 2025

5.8 North America Inhaled Nitric Oxide Delivery Systems Market Size Outlook by Type, 2021- 2030

5.9 North America Inhaled Nitric Oxide Delivery Systems Market Size Outlook by Application, 2021- 2030

5.10 Key Findings for South America Inhaled Nitric Oxide Delivery Systems Market, 2025

5.11 South America Pacific Inhaled Nitric Oxide Delivery Systems Market Size Outlook by Type, 2021- 2030

5.12 South America Inhaled Nitric Oxide Delivery Systems Market Size Outlook by Application, 2021- 2030

5.13 Key Findings for Middle East and Africa Inhaled Nitric Oxide Delivery Systems Market, 2025

5.14 Middle East Africa Inhaled Nitric Oxide Delivery Systems Market Size Outlook by Type, 2021- 2030

5.15 Middle East Africa Inhaled Nitric Oxide Delivery Systems Market Size Outlook by Application, 2021- 2030

## **6. COUNTRY-WISE MARKET SIZE OUTLOOK TO 2030**

6.1 US Inhaled Nitric Oxide Delivery Systems Market Size Outlook and Revenue Growth Forecasts

6.2 US Inhaled Nitric Oxide Delivery Systems Industry Drivers and Opportunities

6.3 Canada Market Size Outlook and Revenue Growth Forecasts

6.4 Canada Inhaled Nitric Oxide Delivery Systems Industry Drivers and Opportunities

6.6 Mexico Market Size Outlook and Revenue Growth Forecasts

6.6 Mexico Inhaled Nitric Oxide Delivery Systems Industry Drivers and Opportunities

6.7 Germany Market Size Outlook and Revenue Growth Forecasts

6.8 Germany Inhaled Nitric Oxide Delivery Systems Industry Drivers and Opportunities

6.9 France Market Size Outlook and Revenue Growth Forecasts

6.10 France Inhaled Nitric Oxide Delivery Systems Industry Drivers and Opportunities

6.11 UK Market Size Outlook and Revenue Growth Forecasts

6.12 UK Inhaled Nitric Oxide Delivery Systems Industry Drivers and Opportunities

6.13 Spain Market Size Outlook and Revenue Growth Forecasts

6.14 Spain Inhaled Nitric Oxide Delivery Systems Industry Drivers and Opportunities

6.16 Italy Market Size Outlook and Revenue Growth Forecasts

6.16 Italy Inhaled Nitric Oxide Delivery Systems Industry Drivers and Opportunities

6.17 Rest of Europe Market Size Outlook and Revenue Growth Forecasts

6.18 Rest of Europe Inhaled Nitric Oxide Delivery Systems Industry Drivers and Opportunities

6.19 China Market Size Outlook and Revenue Growth Forecasts

6.20 China Inhaled Nitric Oxide Delivery Systems Industry Drivers and Opportunities

6.21 India Market Size Outlook and Revenue Growth Forecasts

6.22 India Inhaled Nitric Oxide Delivery Systems Industry Drivers and Opportunities

6.23 Japan Market Size Outlook and Revenue Growth Forecasts

6.24 Japan Inhaled Nitric Oxide Delivery Systems Industry Drivers and Opportunities

6.26 South Korea Market Size Outlook and Revenue Growth Forecasts

6.26 South Korea Inhaled Nitric Oxide Delivery Systems Industry Drivers and

## Opportunities

6.27 Australia Market Size Outlook and Revenue Growth Forecasts

6.28 Australia Inhaled Nitric Oxide Delivery Systems Industry Drivers and Opportunities

6.29 South East Asia Market Size Outlook and Revenue Growth Forecasts

6.30 South East Asia Inhaled Nitric Oxide Delivery Systems Industry Drivers and Opportunities

6.31 Rest of Asia Pacific Market Size Outlook and Revenue Growth Forecasts

6.32 Rest of Asia Pacific Inhaled Nitric Oxide Delivery Systems Industry Drivers and Opportunities

6.33 Brazil Market Size Outlook and Revenue Growth Forecasts

6.34 Brazil Inhaled Nitric Oxide Delivery Systems Industry Drivers and Opportunities

6.36 Argentina Market Size Outlook and Revenue Growth Forecasts

6.36 Argentina Inhaled Nitric Oxide Delivery Systems Industry Drivers and Opportunities

6.37 Rest of South America Market Size Outlook and Revenue Growth Forecasts

6.38 Rest of South America Inhaled Nitric Oxide Delivery Systems Industry Drivers and Opportunities

6.39 Middle East Market Size Outlook and Revenue Growth Forecasts

6.40 Middle East Inhaled Nitric Oxide Delivery Systems Industry Drivers and Opportunities

6.41 Africa Market Size Outlook and Revenue Growth Forecasts

6.42 Africa Inhaled Nitric Oxide Delivery Systems Industry Drivers and Opportunities

## **7. INHALED NITRIC OXIDE DELIVERY SYSTEMS MARKET OUTLOOK ACROSS SCENARIOS**

7.1 Low Growth Case

7.2 Reference Growth Case

7.3 High Growth Case

## **8. INHALED NITRIC OXIDE DELIVERY SYSTEMS COMPANY PROFILES**

8.1 Profiles of Leading Inhaled Nitric Oxide Delivery Systems Companies in the Market

8.2 Business Descriptions, SWOT Analysis, and Growth Strategies

8.3 Financial Performance and Key Metrics

Air Liquide Healthcare

Bellerophon Therapeutics

Beyond Air

Circassia Pharmaceuticals

Getinge

LINDE  
Mallinckrodt Pharmaceuticals  
NU MED  
SLE  
Vero Biotech

## **9. APPENDIX**

- 9.1 Scope of the Report
- 9.2 Research Methodology and Data Sources
- 9.3 Glossary of Terms
- 9.4 Market Definitions
- 9.5 Contact Information

## I would like to order

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