

Inhaled Nitric Oxide Market to Surpass at a Revenue of US\$ 426.88 Million By 2031

CHICAGO, UNITED STATES, July 6, 2023

/EINPresswire.com/ -- In 2022, the global [inhalable Nitric Oxide Market](#) generated revenue of **US\$ 100.00 Mn**. The global market is analyzed to reach **US\$ 426.88 Mn** by 2031, registering a **CAGR of 10.00%** during the forecast period from 2023 to 2031.

For more information, contact astute@astuteanalytica.com -
<https://www.astuteanalytica.com/request-sample/inhaled-nitric-oxide-market>

Nitric oxide is increasingly used in the healthcare industry to treat various illnesses, including cardiovascular, respiratory, and neurological disorders.

As a result, the nitric oxide market is likely to expand rapidly in the upcoming years. The need for inhaled nitric oxide is rising due to the rising prevalence of asthma and COPD chronic diseases globally. For instance, Lung India reported that in August 2022, 18.2% of Indian children were diagnosed with asthma. According to the same source, severe asthma is more common in emerging regions such as the Middle East, Africa, and Latin America compared to the mid-range prevalence in North America and Europe.

Similarly to this, the demand for inhaled nitric oxide is rising owing to the rising cases of malaria on a global scale. Nitric oxide breathed improves survival in cerebral malaria cases by lowering endothelial activity, parasite accumulation, and brain inflammation. According to a WHO report from July 2022, there were an estimated 241 million cases of malaria worldwide in the year 2020.

The COVID-19 pandemic has affected the world's healthcare system, as well as the market for inhaled nitric oxide. For instance, nitric oxide was connected to a small increase in oxygenation in patients with COVID-19 who had acute respiratory distress syndrome (ARDS), according to a study that appeared in the journal IJP in May 2021. The market first experienced tremendous growth owing to the rise in COVID-19 cases, and liquid nitric oxide's significant impact was associated with helping COVID-19 patients overcome ARDS by improving arterial oxygenation.



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The cylinder-based system is likely to capture over 53% of the global market share during the forecast period. This can be due to its affordability, usability, and portability. The cylinder-based system can utilize in various healthcare facilities, including hospitals, clinics, and home care settings, and it is simple to set up. The cylinder-based device has also been around for a while and is a tried-and-true way to deliver inhaled nitric oxide.

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Acute respiratory distress syndrome (ARDS) is likely to account for more than 59% of the inhaled nitric oxide market. In the upcoming years, the need for inhaled nitric oxide will increase due to the rising incidence of ARDS. The National Center for Biotechnology Information estimates that ARDS affects 10% of all critically ill patients and has a 30- 40% death rate. The market for treating the condition is anticipated to expand because of the increasing prevalence of ARDS.

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Hospitals are likely to hold over 85% of the global market. This is due to the need for inhaled nitric oxide in hospital settings for the treatment of respiratory conditions like ARDS, COPD, and pulmonary hypertension. The Global Initiative for Chronic Obstructive Lung Disease stated in a report published in 2022 that continued exposure to COPD risk factors, an increase in the incidence of interstitial lung diseases, and an aging global population all point to an impending rise in the prevalence and burden of COPD. This is probably going to increase the market and demand for inhaled nitric oxide.

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North America will hold a substantial market share of more than 36.8% of global sales of inhaled nitric oxide in 2022. Additionally, the region contributes a considerable amount to the global supply of nitric oxide for inhalation, accounting for about 35% of it. The need for inhaled nitric oxide in North America is rising due to the incidence of many respiratory diseases, such as acute respiratory distress syndrome (ARDS), pulmonary hypertension, and chronic obstructive pulmonary disease (COPD).

The US is both the greatest producer and consumer of inhaled nitric oxide due to the high prevalence of respiratory issues, particularly in the elderly population, and the highest market for the substance.

A prevalent respiratory condition known as ARDS affects about 200,000 people annually in the United States alone. The illness' hallmark is a fast onset of respiratory failure, and it's linked to high rates of morbidity and fatality. It has been demonstrated that inhaled nitric oxide enhances oxygenation in ARDS patients by dilating pulmonary blood vessels and lowering pulmonary

vascular resistance. Due to the increased incidence of ARDS, the need for inhaled nitric oxide in the North American nitric oxide market will rise significantly.

Report on the Inhaled Nitric Oxide Market by Astute Analytica@- <https://www.astuteanalytica.com/industry-report/inhaled-nitric-oxide-market>

The inhaled nitric oxide market is extremely fragmented, with the top 10 largest manufacturers possessing a combined market share of about 30%. With Mallinckrodt Pharmaceuticals presently enjoys a commanding lead over Air Liquide Healthcare with over 9% of the global market's revenue. This signifies a market with plenty of big and small players that are highly competitive.

As per the report of Astute Analytica, the inhaled nitric oxide market is extremely fragmented, with the top 10 largest manufacturers possessing a combined market share of about 30%. With Mallinckrodt Pharmaceuticals presently enjoys a commanding lead over Air Liquide Healthcare with over 9% of the global market's revenue. This signifies a market with plenty of big and small players that are highly competitive.

According to the top player market share graph, inhaled nitric oxide market leaders include Air Liquide Healthcare, Bellerophon Therapeutics, Mallinckrodt Pharmaceuticals, and Beyond Air. Due to factors like their efficient distribution networks, their capacity for research and development, and their concentration on product creation and innovation, these companies have been successful in establishing themselves as major players in the market.

Top players in the inhaled nitric oxide market:

- Air Liquide Healthcare
- Bellerophon Therapeutics
- Beyond Air
- Circassia Pharmaceuticals
- Getinge
- International Biomedical
- LINDE
- Mallinckrodt Pharmaceuticals
- Praxair (NoxBox)
- SLE
- Vero Biotech
- Other major players

Key factors driving the inhaled nitric oxide market:

The inhaled nitric oxide market is driven by several factors, including the increasing incidence of ARDS, the need for inhaled nitric oxide in the North American nitric oxide market, and the growing demand for inhaled nitric oxide in the global market.

Key factors driving the inhaled nitric oxide market:

- Cylinder Based System
- Electric System
- Chemical Based System

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- Adults
- Pediatrics

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- Hardware
 - o Mechanical Ventilator
 - o Flow Sensor
 - o Respiratory Circuits Connectors
 - o Nitric Oxide Container
 - o Nitric Oxide Analyzer
 - o Inlet & Outlet Pipe
 - o Digital Monitor
- Services
 - o Managed Services
 - o Professional Services
 - o Consulting
 - o Support & Maintenance

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- Pulmonary Hypertension
- Tuberculosis Treatment
- Malaria Treatment
- Chronic Obstructive Pulmonary Application (COPD)
- Acute Respiratory Distress Syndrome (ARDS)
- Others

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- Hospitals
- Clinics
- Ambulatory Centers

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- North America
 - o The U.S.
 - o Canada
 - o Mexico
- Europe
 - Western Europe
 - The UK
 - Germany
 - France
 - Italy
 - Spain
 - Rest of Western Europe
 - Eastern Europe
 - Poland

□ Russia

- Rest of Eastern Europe

Asia Pacific

- China

- India

- Japan

- Australia & New Zealand

- South Korea

- ASEAN

- Rest of Asia Pacific

Middle East & Africa (MEA)

- Saudi Arabia

- South Africa

- UAE

- Rest of MEA

South America

- Argentina

- Brazil

- Rest of South America

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