

Neonatal Ventilator Market: Global Industry Trends, Share, Size, Growth, Opportunity and Forecast 2023-2028

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Abstracts

Market Overview:

The global neonatal ventilator market size reached US\$ 397.6 Million in 2022. Looking forward, IMARC Group expects the market to reach US\$ 582.8 Million by 2028, exhibiting a growth rate (CAGR) of 6.39% during 2023-2028.

Neonatal ventilators are medical devices used to provide ventilatory support to preterm and critically ill infants suffering from respiratory failure and having low-compliance lungs, small tidal volumes, high airway resistance, and increased respiratory rates. They have breathing circuits, humidification systems, gas-delivery systems, monitors and their associated alarms, and gas sources for oxygen (O₂) and compressed air. They facilitate alveolar gas exchange with positive pressure to inflate the lungs of an infant who is incapable of adequate independent breathing. As a result, they find extensive applications in hospitals, clinics, and ambulatory surgical centers across the globe.

Neonatal Ventilator Market Trends:

At present, there is a rise in the mortality rates of neonates due to pneumonia, tetanus, diarrhea, and birth asphyxia around the world. This, along with the growing number of preterm births with critical respiratory conditions, represents one of the key factors driving the market. Moreover, there is an increase in the development of enhanced neonatal intensive care unit (NICU) centers globally. This, coupled with the rising awareness among parents about the benefits of neonatal ventilators, is propelling the growth of the market. In addition, the increasing utilization of non-invasive ventilators in the healthcare industry to reduce hypercapnia and improve oxygenation and dyspnea is

offering lucrative growth opportunities to industry investors. Besides this, governments of several countries are undertaking initiatives to prevent and treat respiratory disorders worldwide. In line with this, the rising number of product approvals for neonatal ventilators by various government agencies is positively influencing the market. Apart from this, rapid technological advancements in neonatal ventilators, such as patient-triggered ventilation and ventricular tachycardia (VT) monitoring at the proximal airway, are bolstering the market growth.

Key Market Segmentation:

IMARC Group provides an analysis of the key trends in each sub-segment of the global neonatal ventilator market report, along with forecasts at the global, regional and country level from 2023-2028. Our report has categorized the market based on type, mobility type, mode and end user.

Breakup by Type:

- Invasive
- Non-Invasive

Breakup by Mobility Type:

- Intensive Care Ventilators
- Portable and Transportable Ventilators
- Others

Breakup by Mode:

- Pressure Mode Ventilation
- Combined Mode Ventilation
- Volume Mode Ventilation
- Others

Breakup by End User:

- Hospitals
- Clinics

Breakup by Region:

North America

United States

Canada

Asia-Pacific

China

Japan

India

South Korea

Australia

Indonesia

Others

Europe

Germany

France

United Kingdom

Italy

Spain

Russia

Others

Latin America

Brazil

Mexico

Others

Middle East and Africa

Competitive Landscape:

The competitive landscape of the industry has also been examined along with the profiles of the key players being Air Liquide Medical Systems India (Air Liquide S.A), Airon Corporation, Breas Medical AB (Shanghai Fosun Pharmaceutical Co. Ltd.),

Drägerwerk AG & Co. KGaA, Fisher & Paykel Healthcare Corporation Limited, Getinge AB, Hamilton Medical AG (Hamilton Bonaduz AG), Inspiration Healthcare Group plc, Koninklijke Philips N.V., Medtronic plc, Nihon Kohden Corporation, ResMed and Vyair Medical Inc.

Key Questions Answered in This Report:

How has the global neonatal ventilator market performed so far and how will it perform in the coming years?

What has been the impact of COVID-19 on the global neonatal ventilator market?

What are the key regional markets?

What is the breakup of the market based on the type?

What is the breakup of the market based on the mobility type?

What is the breakup of the market based on the mode?

What is the breakup of the market based on the end user?

What are the various stages in the value chain of the industry?

What are the key driving factors and challenges in the industry?

What is the structure of the global neonatal ventilator market and who are the key players?

What is the degree of competition in the industry?

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