

Infant Phototherapy Devices Market Report by Light Source (Fluorescent Lamps (FL), Light-Emitting Diodes (LEDs), Quartz Halogen Lamps, Gas Discharge Tubes), Configuration (Mobile Device, Fixed Device), End User (Hospital, Neonatal Clinics), and Region 2024-2032

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Abstracts

The global infant phototherapy devices market size reached US\$ 89.4 Million in 2023. Looking forward, IMARC Group expects the market to reach US\$ 123.2 Million by 2032, exhibiting a growth rate (CAGR) of 3.5% during 2024-2032.

Infant phototherapy devices are clinically proven and technologically advanced instruments that assist in treating neonatal jaundice. They also help cure hyperbilirubinemia by irradiating the infant with light that oxidizes the bilirubin in the blood. They prevent neurotoxic effects of high serum unconjugated bilirubin and reduce the need for exchange transfusion in neonates. They are either wrapped around and placed under or close to the baby and equipped with an hour meter to record bulb life and infant treatment time. As they are convenient and cost-effective, their application is increasing in hospitals and nursing homes across the globe.

Infant Phototherapy Devices Market Trends:

There is a rise in the prevalence of jaundice, especially among premature babies, on account of enzyme deficiency, infections, liver problems, and abnormality in red blood cells. This, in confluence with significant developments in the healthcare infrastructure around the world, represents one of the key factors bolstering the growth of the market. Infant phototherapy devices rely on light absorbed by an infant's skin to break down

bilirubin into compounds. Apart from this, these devices cause the imbalance of thermal environment and water loss, electrolyte disturbance, bronze baby syndrome and circadian rhythm disorder. As a result, key players are developing new light devices and alternative agents to minimize the side effects of phototherapy, which is impelling the market growth. Furthermore, they are introducing proper eye protection that is easy to use, economical, removable, and appropriate for newborns. This, along with the innovation of effective, energy-efficient, and easy to move and clean devices, is positively influencing the utilization of infant phototherapy devices in rural hospitals with limited resources and inexperienced staff.

Key Market Segmentation:

IMARC Group provides an analysis of the key trends in each sub-segment of the global infant phototherapy devices market report, along with forecasts at the global, regional and country level from 2024-2032. Our report has categorized the market based on light source, configuration and end user.

Breakup by Light Source:

Fluorescent Lamps (FL)

Light-Emitting Diodes (LEDs)

Quartz Halogen Lamps

Gas Discharge Tubes

Breakup by Configuration:

Mobile Device

Fixed Device

Breakup by End User:

Hospital

Neonatal 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 Atom Medical Corporation, AVI Healthcare Private Limited, Equalize Health, General Electric Company, Ibis Medical Equipment and Systems Pvt Ltd, Natus Medical Incorporated, Ningbo David Medical Device Company Limited, NOVOS Medical Systems, Weyer GmbH and Zhengzhou Dison Instrument and Meter Co. Ltd.

Key Questions Answered in This Report:

How has the global infant phototherapy devices market performed so far and how will it perform in the coming years?

What has been the impact of COVID-19 on the global infant phototherapy devices market?

What are the key regional markets?

What is the breakup of the market based on the light source?

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

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 infant phototherapy devices market and who are the key players?

What is the degree of competition in the industry?

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