

Global Bilirubin Meters - 2025 -2033

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Abstracts

Bilirubin Meters Market Overview

Bilirubin Meters Market reached US\$ 119.08 million in 2024 and is expected to reach US\$ 304.81 million by 2033, growing at a CAGR of 11.1% during the forecast period 2025-2033.

The bilirubin meter is a device used to measure the amount of bilirubin in a patient's blood. It is an important tool in the diagnosis and treatment of neonatal jaundice. It typically uses spectrophotometric methods to measure bilirubin levels, which aids in the diagnosis and monitoring of illnesses like jaundice, liver disease, and hemolytic disorders.

The bilirubin meters market is driven by the increasing incidence of neonatal jaundice, growing emphasis on early and accurate diagnosis, and the rising demand for non-invasive testing technologies. Advancements in transcutaneous bilirubin meters and the expansion of point-of-care testing support broader clinical adoption.

Emerging markets, especially in Asia-Pacific and Latin America, are seeing strong growth due to improving neonatal care infrastructure and government health programs. North America and Europe lead the market with robust healthcare systems and high awareness levels, while Asia-Pacific is expected to register the fastest growth over the forecast period.

Executive Summary

Bilirubin Meters Market 2025

Market Scope

Metrics

Details

CAGR

11.1%

Market Size Available for Years

2022-2033

Estimation Forecast Period

2025-2033

Revenue Units

Value (US\$ Mn)

Segments Covered

Product Type, Age Group, Indication, End-User

Regions Covered

North America, Europe, Asia-Pacific, South America, and Middle East & Africa

Largest Region

North America

Fastest Growing Region

Asia-Pacific

Report Insights Covered

Competitive Landscape Analysis, Company Profile Analysis, Market Size, Share, Growth, Demand, Recent Developments, Mergers and Acquisitions, New Product Launches, Growth Strategies, Revenue Analysis, Porter's Analysis, Pricing Analysis, Regulatory Analysis, Supply-Chain Analysis, and Other Key Insights.

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Bilirubin Meters Market Dynamics: Drivers & Restraints

Technological advancement in bilirubin meters is expected to drive the market growth

Technological advancements in bilirubin meters are expected to be a key driver of market growth during the forecast period. Enhanced measuring techniques, such as advanced spectrophotometry and multi-wavelength analysis, are delivering more accurate and consistent results, increasing clinical confidence in these devices.

The development of non-invasive meters that use light sensors to assess bilirubin levels through the skin is improving patient comfort and making routine screening more accessible. For instance, in July 2024, Konica Minolta, Inc. and Picterus AS announced the launch of a collaborative effort aimed at advancing technologies to better protect newborns from the serious health risks associated with jaundice. This partnership focuses on enhancing diagnostic solutions that enable early detection and intervention, helping to reduce the potential long-term complications of neonatal jaundice.

In addition, progress in device miniaturization and intuitive user interface design has resulted in portable, easy-to-use meters that require minimal training, enabling broader adoption across various healthcare settings. Faster analysis capabilities are also improving clinical workflow efficiency by supporting quicker diagnostic and treatment decisions.

Furthermore, innovation is helping to reduce manufacturing costs, making these devices more affordable for healthcare providers. Collectively, these advancements are enhancing the clinical utility, affordability, and accessibility of bilirubin meters, thereby accelerating market growth globally.

The high cost of the devices is expected to hamper the bilirubin meters market

The high cost of bilirubin meters, particularly advanced transcutaneous and bench-top models, is expected to hinder market growth, especially in low- and middle-income regions. These devices often involve significant upfront investment and ongoing maintenance expenses, which can be a financial burden for smaller hospitals, clinics, and rural healthcare centers. Additionally, the cost of calibration, replacement parts, and compatible consumables may limit their adoption in resource-constrained settings.

Bilirubin Meters Segment Analysis

The global bilirubin meters market is segmented based on product type, age group, indication, end-user and region.

The transcutaneous segment is expected to dominate the market with the highest share of 51.7% in the global bilirubin meters market

The transcutaneous segment is expected to dominate the bilirubin meters market due to its non-invasive nature, which significantly enhances patient comfort and safety. These devices offer rapid, real-time results by measuring bilirubin levels through the skin using advanced optical sensors, enabling quicker clinical decisions and reducing the risk of infection. Their portability, ease of use, and minimal training requirements make them ideal for both hospital and point-of-care settings.

Technological advancements, such as multi-wavelength analysis and integration with electronic health records, have improved accuracy and clinical utility. With neonatal jaundice being a major indication and healthcare systems increasingly favoring non-invasive diagnostics, the transcutaneous segment is positioned to hold the largest market share in the coming years. For instance, according to the ScienceDirect published report in 2024, globally, hyperbilirubinemia occurs in around 481,000 neonates under one month old each year, of which over 63,000 cases of moderate to severe disability.

Bilirubin Meters Market Geographical Analysis

North America is expected to hold a 41.2% share of the bilirubin meters market

North America is expected to hold a significant position in the bilirubin meters market share due to its well-established healthcare infrastructure, high awareness of neonatal health, and early adoption of advanced medical technologies. The region benefits from strong regulatory frameworks, widespread access to healthcare services, and a high rate of hospital births, which increases the routine screening for neonatal jaundice.

Additionally, the presence of major market players, ongoing investments in research and development, and favourable reimbursement policies support the adoption of both transcutaneous and bench-top bilirubin meters. The demand for non-invasive, point-of-care diagnostics is also rising in the U.S. and Canada, further strengthening the market position. These factors collectively contribute to North America's dominant share in the global bilirubin meters market.

Asia-Pacific is expected to hold a 23.4% share of the bilirubin meters market

Asia-Pacific is expected to be the fastest-growing region in the bilirubin meters market due to its high birth rates, increasing prevalence of neonatal jaundice, and ongoing improvements in healthcare infrastructure. Growing government initiatives focused on maternal and child health, rising healthcare awareness, and expanding access to advanced diagnostic technologies are driving demand across the region.

Additionally, rapid urbanization, increasing healthcare expenditure, and the presence of emerging economies such as India and China contribute to the accelerated adoption of bilirubin meters. These factors collectively position Asia-Pacific as a key growth driver in the global bilirubin meters market.

Bilirubin Meters Market Segmentation

By Product Type

Transcutaneous

Serum Bilirubinometers

By Age Group

Neonates

Adults

Geriatric

By Indication

Hepatitis

Jaundice

Others

By End-User

Hospitals

Clinics

Diagnostic Centers

Others

By Region

North America

The U.S.

Canada

Mexico

Europe
Germany
UK
France
Italy
Spain
Rest of Europe

South America
Brazil
Argentina
Rest of South America

Asia-Pacific
China
India
Japan
South Korea
Rest of Asia-Pacific

Middle East and Africa

Bilirubin Meters Market Major Players

The major global players in the market include Delta Medical International Ltd, Mennen Medical Ltd, Ningbo David Medical Device Co. Ltd., Micro Lab Instruments, Zeal Medical, Dr?gerwerk AG & Co. KGaA, Labtron Equipment Ltd, Korrida Medical Systems, and GPC Medical Ltd, among others.

The is an spreadsheet The global bilirubin meters marketreport would provide approximately 53 tables, 47 figures, and 176 pages.

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