

# Pulse oximeters Market Insights, Competitive Landscape and Market Forecast–2026

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## Abstracts

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PULSE OXIMETERS MARKET BY PRODUCT TYPE (FINGERTIP PULSE OXIMETERS, HANDHELD PULSE OXIMETERS, BENCH-TOP PULSE OXIMETERS, AND WEARABLE PULSE OXIMETERS), BY AGE GROUP (ADULT AND PEDIATRICS), BY END USER (HOSPITALS, AMBULATORY SURGICAL CENTERS, HOMECARE SETTINGS, AND OTHERS), AND BY GEOGRAPHY IS EXPECTED TO GROW AT A CONSISTENT CAGR FORECAST TILL 2026 OWING TO UNPRECEDENTED COVID-19 PANDEMIC AND RISING TECHNOLOGICAL ADVANCEMENT

Global Pulse Oximeters Market was valued at USD 1.9 billion in 2020, growing at a CAGR of 10.13% during the forecast period from 2021 to 2026, to reach USD 3.3 billion by 2026. The demand for Pulse Oximeters is primarily attributed to the sudden outbreak of the COVID-19 pandemic, rising prevalence of various respiratory disorders coupled with the growing geriatric population, technological advancement, and availability of new products.

### PULSE OXIMETERS MARKET DYNAMICS:

Pulse Oximeters are a type of Pulse Oximeters that are widely used to monitor the oxygen saturation in the blood as well as to track the pulse rate simultaneously. The Pulse Oximeters market is witnessing an increased growth due to the unprecedented outbreak of novel coronavirus pandemic and the demand is expected to remain high during the forthcoming years. This is mainly because these devices have been extensively used by the population as an early screening method for the deadly

disease. Infection with coronavirus affects the respiratory organ of the body along with other vital organs causing severe acute respiratory syndrome (SARS) which tends to decrease the oxygen saturation in the blood level at normal room air conditions. Also, as per the WHO clinical management of SARS interim guidelines pulse oximeters, functioning oxygen systems and appropriate oxygen-delivering interfaces should be available in all areas where patients with a severe acute respiratory infection (SARI) are taken care of.

Moreover, increasing awareness among the population regarding applications of pulse oximeters in COVID-19 management is also likely to fuel the Global Pulse Oximeters market.

Also, the rising prevalence of chronic respiratory disorder worldwide is likely to boost the global market for pulse oximeters. Chronic respiratory disorder such as asthma, Chronic Obstructive Pulmonary Disorder, emphysema, and others usually leads to hypoxemia, a condition when levels of oxygen in the blood are lower than normal. For instance, as per the WHO report, approximately 235 million people suffer from asthma and more than three million people die each year from COPD, worldwide. Therefore the rising prevalence of such respiratory disorders require devices like pulse oximeters that provide valuable insight regarding the oxygen saturation percentage and give alerts for low oxygen level thereby raising their demand.

In addition, technological advancement in pulse oximeters such as alarm systems, extensive memory, easily transferable data, and installation of Bluetooth systems within the device modality is another factor that is likely to augment the global market for pulse oximeter devices. For instance, in December 2020, Shenzhen AOJ Medical Technology Co., Ltd received FDA clearance for its Pulse Oximeter (model: AOJ-70A, AOJ-70B, AOJ-70C, AOJ-70D, and AOJ-70E). These oximeters are equipped with a skin-friendly silicone finger pad, are compact, portable, and comprise the alarm function.

Certain factors such as regulations and accuracy concerns over OTC Pulse Oximeters pose as a minor hurdle for the growth of the pulse oximeter market.

## PULSE OXIMETERS MARKET SEGMENT ANALYSIS:

Pulse Oximeters by Product Type (Fingertip Pulse Oximeters, Handheld Pulse Oximeters, Bench-Top Pulse Oximeters, and Wearable Pulse Oximeters), by Age Group (Adult and Paediatrics), By End User (Hospitals, Ambulatory Surgical Centers, Homecare Settings, and Others), and by Geography (North America, Europe, Asia-

Pacific, and Rest of the World).

In the Pulse Oximeters product segment, the fingertip pulse oximeter (which is simply clipped to the fingers) is expected to hold the largest market during the forecasted period, 2021-2026. This is because these devices are cost-effective and are easily affordable. Moreover, better precision and effective ergonomics raise the demand for fingertip pulse oximeters for self-monitoring of saturated oxygen level.

Further, the availability of newly developed fingertip pulse oximeters that are capable of measuring pulse rate, perfusion rate, and respiration rate along with detecting oxygen levels is also anticipated to propel the market. The incorporation of telehealth technology with these fingertip oximeters can also contribute to the pulse oximeter market growth. For instance, the recent launch of artificial intelligence-powered Fingertip Pulse Oximeter (SpO<sub>2</sub>) by TytoCare Ltd on January 21, 2021, which enables remote monitoring at the time of the COVID crisis is likely to boost the pulse oximeter market.

#### **NORTH AMERICA IS EXPECTED TO DOMINATE THE OVERALL PULSE OXIMETERS MARKET:**

North America is expected to dominate the overall pulse oximeters market during the forecast period. This domination is due to the growing demand for respiratory monitoring devices owing to the rising prevalence of respiratory diseases, increased R&D funding, favourable reimbursement for these devices, and the presence of an advanced healthcare system

Further, the United States represents the largest market worldwide supported by developed healthcare infrastructure and rising adoption of advanced non-invasive patient monitoring technologies. In addition presence of key market players such as Masimo, Nonin Medical Inc, among others is also expected to boost the market. Also, advanced product launches and commercialization agreements among the key companies are further expected to fuel the market. For instance, recently in March 2021, Nonin Medical, Inc. launched two new disposable products – a single-use wristband and a sensor for use with Nonin's WristOx2 3150, wrist-worn pulse oximeter (SpO<sub>2</sub>). Nonin's new disposables offer immediate and cost-effective solutions to reduce healthcare provider and patient exposure to infectious agents during the pandemic. Thus, these are some of the factors contributing to the market growth of pulse oximeters in the region.

Europe and Asia-Pacific region have the future potential growth for the Global Pulse Oximeters. This is due to the rising burden of the geriatric population who are susceptible to developing pulmonary disorders in the European region countries and Asian countries also. Rapid urbanization, increase in disposable income, penetration by emerging local players in the market, rising awareness related to advanced healthcare technologies is likely to surge the market during the forecasted period. For instance, DetelPro, which entered the Indian market in 2020, has launched the most cost-effective pulse oximeter, DetelPro Oxy10. Hence, such factors are likely to boost the pulse oximeter market in these regions.

#### PULSE OXIMETERS MARKET KEY PLAYERS:

Some of the key market players operating in the Pulse Oximeters market include Medtronic, Nonin Medical Inc., Lepu Medical Technology, TytoCare Ltd., VYAIRE., OMRON Corporation, Meditech Equipment Co., Ltd, among others.

#### RECENT DEVELOPMENTAL ACTIVITIES IN THE PULSE OXIMETERS MARKET:

In March 2021, Masimo secured CE mark approval for a rugged handheld device called Rad-G, a 2-in-1 device for pulse oximetry and temperature measurement.

In January 2020, Vyair Medical launched its MX40-a reusable telemetry adapter in the U.S. This product features a SpO2 port, which is compatible with Philips 9 pin pulse oximeter sensor and Masimo LNCS pulse oximeter.

#### KEY TAKES AWAY FROM THE PULSE OXIMETERS MARKET REPORT STUDY

? Market size analysis for current market size (2020), and market forecast for 5 years (2021-2026)

? The effect of the COVID-19 pandemic on this market is significant. To capture and analyze suitable indicators, our experts are closely watching the Pulse Oximeters market.

? Top key product/services/technology developments, merger, acquisition, partnership, joint venture happened for last 3 years

- ? Key companies dominating the Global Pulse Oximeters Market.
- ? Various opportunities available for the other competitor in the Pulse Oximeters Market space.
- ? What are the top performing segments in 2020? How these segments will perform in 2026.
- ? Which are the top-performing regions and countries in the current market scenario?
- ? Which are the regions and countries where companies should have concentrated on opportunities for Pulse Oximeters market growth in the coming future?

#### TARGET AUDIENCE WHO CAN BE BENEFITED FROM PULSE OXIMETERS MARKET REPORT STUDY

- ? Pulse Oximeters providers
- ? Research organizations and consulting companies
- ? Pulse Oximeters-related organization, association, forum, and other alliances
- ? Government and corporate offices
- ? Start-up companies, venture capitalists, and private equity firms
- ? Distributors and Traders in Pulse Oximeters
- ? Various End-users want to know more about the Pulse Oximeters Market and the latest technological developments in the Pulse Oximeters market.

#### FREQUENTLY ASKED QUESTIONS FOR PULSE OXIMETERS MARKET:

What are Pulse Oximeters?

A pulse oximeter is a device that uses light beams to estimate the oxygen saturation of the blood and the pulse rate. It is usually placed on a fingertip but can also be used as a handheld, benchtop, or wearable device.

What is the market for Global Pulse Oximeters?

Global Pulse Oximeters Market was valued at USD 1.9 billion in 2020, growing at a CAGR of 10.13% during the forecast period from 2021 to 2026, to reach USD 3.3 billion by 2026.

What are the drivers for Global Pulse Oximeters?

The major drivers driving the demand for Pulse Oximeters are the rising prevalence of respiratory disorders, growing technological advancement in the product portfolio, the sudden outbreak of the Covid-19 pandemic, among others.

What are the key players operating in Global Pulse Oximeters Market?

Some of the key market players operating in the Pulse Oximeters market include Medtronic, Nonin Medical Inc., Lepu Medical Technology, TytoCare Ltd., VYAIRE., OMRON Corporation, Meditech Equipment Co ., Ltd, among others.

What regions have the highest share in the Pulse Oximeters market?

North America is expected to dominate the overall Pulse Oximeters market during the forecast period, 2021 to 2026 owing to the presence of an advanced healthcare system with developed infrastructure, the existence of key manufacturers, and the launch of advanced products in the region.

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