

Smart Pulse Oximeter Ring Market is Forecasted to Reach a Value of US \$2.06 Billion by 2029

The Business Research Company's Smart Pulse Oximeter Ring Global Market Report 2025 – Market Size, Trends, And Global Forecast 2025-2034

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/EINPresswire.com/ -- What Is The Expected Cagr For The Smart Pulse Oximeter Ring Market Through 2025?

The [smart pulse oximeter rings market](#) has experienced a swift expansion recently. The market size is projected to escalate from \$0.98 billion in 2024 to \$1.14 billion in 2025, marking a compound annual growth rate (CAGR) of 16.3%. The historic growth can be connected to the



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rising incidents of chronic respiratory conditions, heightened demand for health monitoring at home, an increasing demographic of elderly people, enhanced awareness about consistent oxygen saturation monitoring, and the rising incorporation of wearable health devices in clinical procedures.

In upcoming years, the market size of the smart pulse oximeter ring is poised to experience significant expansion, reaching a valuation of \$2.07 billion in 2029 with a 15.9% compound annual growth rate (CAGR). The surge in growth

over the forecast period stems from a bolstered emphasis on preventive health monitoring, an amplifying acceptance of remote patient monitoring in rural regions, a rise in health-conscious lifestyle choices, an increase in use for fitness and sports tracking, and a growing favorability for smooth health data synchronization with smartphones. Over the same forecast period, prevailing trends point towards advancements in sensor technology, miniaturization developments, amplified investment in R&D, real-time data processing innovation, and integration of AI features.

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What Are The Driving Factors Impacting The Smart Pulse Oximeter Ring Market?

The [smart pulse oximeter ring market size](#) is set to expand significantly, fueled by the increasing uptake of telemedicine and virtual care platforms. Digital healthcare services such as these enable remote consultation, diagnosis, and provision of medical care through online or mobile platforms. Interest in these services is growing thanks to their superior accessibility, which means patients can access healthcare advice without leaving their homes. Smart pulse oximeter rings play a crucial role in this, as they allow continuous remote tracking of crucial health indicators such as blood oxygen levels and heart rate, meaning caregivers can keep a close watch on patients' wellbeing. For example, in a February 2023 survey by the UK's Rock Health, it was found that 76% of people aged 55 and over had used telemedicine, and 80% of those surveyed had accessed treatment via telemedicine sometime in 2023. Consequently, the substantial rise in telemedicine and virtual care platform usage is leading to a surge in the smart pulse oximeter ring market.

Which Players Dominate The Smart Pulse Oximeter Ring Industry Landscape?

Major players in the Smart Pulse Oximeter Ring Global Market Report 2025 include:

- Samsung Electronics Co.
- Viatom
- Oura Health
- BoAt
- KamiVision
- Sensio AS
- Motiv Inc.
- Muse Wearables
- SkyLabs
- Ultrahuman

What Are The Main Trends, Positively Impacting The Growth Of Smart Pulse Oximeter Ring Market?

Leading entities in the smart pulse oximeter ring industry are concentrating on the advancement of innovative products like silicone ring devices. These devices are aimed at enhancing comfort, safety, and flexibility during physical or work-related activities. Silicone ring devices are smooth, pliable bands, crafted from silicone substances, targeted for convenient and secure use in areas such as health monitoring, physical activities surveillance, and routine wear. For instance, Viatom, a firm based in China specialising in medical devices, in February 2025, proclaimed the approval of their Viatom Smart Ring Pulse Oximeter-O2Ring by the U.S. Food and Drug Administration. This is a light silicone ring device made for spot checks or constant data observation in adult patients. It measures SpO2, heart rate, and perfusion index and it can be utilized in places like homes, hospitals, long-term care facilities, and sleep laboratories, however, it is not made for continuous real-time tracking. It has an integrated vibration alert that triggers

when the readings go beyond preset limits, urging the user to adjust the sleep position without disrupting sleep. It also employs SpO2 sensors and noise-lowering filters and collects medical-grade precise data using an optical volume-based procedure. This data is immediately synchronized with the Vihealth app that generates detailed graphs for every four-second interval and complete reports for clinical analysis.

Global Smart Pulse Oximeter Ring Market Segmentation By Type, Application, And Region
The smart pulse oximeter ringmarket covered in this report is segmented –

- 1) By Product Type: Bluetooth-Enabled, Wi-Fi Enabled, Standalone
- 2) By Distribution Channel: Online Retail, Pharmacies, Specialty Stores, Other Distribution Channels
- 3) By Application: Home Care, Hospitals And Clinics, Sports And Fitness, Other Applications
- 4) By End-User: Adults, Pediatrics, Geriatrics

Subsegments:

- 1) By Bluetooth-Enabled: Real-Time Data Sync, Smartphone Integration, Fitness Tracking, Sleep Monitoring, Health Alerts
- 2) By Wi-Fi-Enabled: Cloud Data Upload, Remote Monitoring, Web Portal Access, Home Healthcare Integration, Long-Duration Monitoring
- 3) By Standalone: Built-In Memory, Local Display, Vibration Alerts, Device-Independent Operation, Extended Battery Life

View the full smart pulse oximeter ring market report:

<https://www.thebusinessresearchcompany.com/report/smart-pulse-oximeter-ring-global-market-report>

Which Region Holds The Largest Market Share In The Smart Pulse Oximeter Ring Market?

In the Smart Pulse Oximeter Ring Global Market Report 2025, North America emerged as the dominant region in 2024. However, Asia-Pacific is predicted to experience the highest growth during the forecast period. The report encompasses several regions including Asia-Pacific, Western Europe, Eastern Europe, North America, South America, Middle East, and Africa.

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