

Ear-Worn Core-Temp Sensor Market - Opportunities, Share, Growth and Competitive Analysis and Forecast 2029

The Business Research Company's Ear-Worn Core-Temp Sensor Global Market Report 2025 – Market Size, Trends, And Global Forecast 2025-2034

LONDON, GREATER LONDON, UNITED KINGDOM, November 14, 2025

/EINPresswire.com/ -- "Get 20% Off All Global Market Reports With Code

ONLINE20 – Stay Ahead Of Trade Shifts, Macroeconomic Trends, And Industry Disruptors

The logo for The Business Research Company, featuring the text "The Business Research Company" in a serif font, with a stylized bar chart to the right. The bar chart has four bars of varying heights, with the second and fourth bars being the tallest. The text "The Business Research Company" is written below the chart.

The Business Research Company

What Is The Forecast For The Ear-Worn Core-Temp Sensor Market From 2025 To 2029?

The [market size for core-temp sensors](#) that are worn in the ear has experienced substantial growth lately. Its size is predicted to swell from \$0.64 billion in 2024 to \$0.75 billion in 2025, reflecting a compound annual growth rate (CAGR) of 16.4%. Factors contributing to this historic growth include heightening awareness around health monitoring, increasing incidence of chronic illnesses, expanding use of wearable devices, rising demand for constant temperature monitoring and a growing population that is becoming more health-conscious.

“

The Business Research Company's Latest Report Explores Market Driver, Trends, Regional Insights - Market Sizing & Forecasts Through 2034”

The Business Research Company

Expectations are high for a swift expansion of the ear-worn

core-temp sensor market in the upcoming years, with forecasted growth reaching \$1.36 billion in 2029, exhibiting a compound annual growth rate (CAGR) of 16.0%. This anticipated growth over the forecast period can be linked to the escalating demand for non-intrusive monitoring, the surging integration of these devices with smartphones and applications, burgeoning investments in healthcare technology, the boost in preventative health interest, increased use among athletes and military personnel, as well as the growth in government backing for digital health solutions. The forecast period is also predicted to witness significant trends such as the improvement in sensor precision, the progress in manufacturing miniaturized wearable devices, the innovation in

AI-enabled predictive health analytics, advances in battery longevity and energy efficiency, and the creation of multi-parameter monitoring systems.

Download a free sample of the ear-worn core-temp sensor market report:

<https://www.thebusinessresearchcompany.com/sample.aspx?id=29044&type=smp>

What Are The Core Growth Drivers Shaping The Future Of The Ear-Worn Core-Temp Sensor Market?

The ear-worn core-temp sensor market is set to benefit from the increasing incidences of diabetes. Diabetes, a long-term ailment characterized by inadequate insulin production or improper use, leading to high blood sugar, is primarily due to unhealthy habits, such as overconsumption of calorie-dense food and sedentary lifestyles. These habits often lead to obesity, a key risk factor for diabetes. Diabetes patients find ear-worn core-temperature sensors beneficial, as these devices enable continuous body temperature monitoring, facilitating early detection of infections or metabolic imbalances, which are often experienced by diabetic individuals. For example, data from the Office for Health Improvement & Disparities, a UK government department, reported a rise in the prevalence of type 2 diabetes among adults aged 17 and above from 6.8% in March 2023 to 7.0% in March 2024 in England. Consequently, this growing trend in diabetes cases is fuelling the expansion of the ear-worn core-temp sensor market.

Which Companies Are Currently Leading In The Ear-Worn Core-Temp Sensor Market?

Major players in the Ear-Worn Core-Temp Sensor Global Market Report 2025 include:

- Medtronic plc
- 3M Company
- Koninklijke Philips N.V.
- ams OSRAM AG
- Masimo Corporation
- Melexis
- Univera Healthcare
- Ticare Health
- Oticon Medical LLC
- iHealth Labs Inc.

What Are The Key Trends Shaping The Ear-Worn Core-Temp Sensor Industry?

A focus on technological advancements, including state-of-the-art wearable body temperature sensors, has been seen among leading companies in the ear-worn core-temp sensor market. These high-tech devices, owing to their innovative materials and wireless technologies, permit seamless, precise real-time body temperature monitoring, thereby enhancing wellbeing supervision and performance tracking. Take, for instance, CORE, an advanced thermal monitoring solution firm based in Switzerland, which in January 2025 introduced CORE 2. This latest wearable body temperature sensor is intended to aid athletes in keeping track and regulation of their internal body temperature in real time. Constructed in Switzerland, CORE 2 is

much more efficient while being 48% smaller and 30% lighter than its predecessor. It possesses cutting-edge features such as LED indicators, a modular attachment system and BLE/ANT+ connectivity facilitating smooth integration with Garmin, Wahoo, iOS and Android devices. Furthermore, CORE 2 utilizes sophisticated thermal energy transfer technology for AI-assisted precision, offering athletes the ability to optimize their performance and heat adaptation during workouts and competitions.

Comparative Analysis Of Leading [Ear-Worn Core-Temp Sensor Market Segments](#)

The ear-worn core-temp sensor market covered in this report is segmented –

- 1) By Product Type: Disposable, Reusable
- 2) By Sensor Technology: Infrared, Thermistor, Other Sensor Technologies
- 3) By Distribution Channel: Online, Offline
- 4) By Application: Healthcare Monitoring, Sports And Fitness, Military And Defense, Industrial, Other Applications
- 5) By End-User: Hospitals And Clinics, Homecare, Athletes, Military Personnel, Industrial Workers, Other End Users

Subsegments:

- 1) By Disposable: Single Use, Bio Degradable, Sterile, Non Sterile
- 2) By Reusable: Washable, Sterilizable, Durable, Multi Use

View the full ear-worn core-temp sensor market report:

<https://www.thebusinessresearchcompany.com/report/ear-worn-core-temp-sensor-global-market-report>

Which Regions Are Dominating The Ear-Worn Core-Temp Sensor Market Landscape?

In 2024, North America led the global market for ear-worn core-temp sensors. It's projected that the most rapid growth will be seen in the Asia-Pacific region during the forecast period. The report on the ear-worn core-temp sensor market involves regions including Asia-Pacific, Western Europe, Eastern Europe, North America, South America, Middle East, and Africa.

Browse Through More Reports Similar to the Global Ear-Worn Core-Temp Sensor Market 2025,
By The Business Research Company

Digital Wallet Global Market Report 2025

<https://www.thebusinessresearchcompany.com/report/digital-wallet-global-market-report>

E Paper Display Global Market Report 2025

<https://www.thebusinessresearchcompany.com/report/e-paper-display-global-market-report>

Mobile Wallet Global Market Report Global Market Report 2025

<https://www.thebusinessresearchcompany.com/report/mobile-wallet-global-market-report>

Speak With Our Expert:

Saumya Sahay

Americas +1 310-496-7795

Asia +44 7882 955267 & +91 8897263534

Europe +44 7882 955267

Email: saumyas@tbrc.info

[The Business Research Company - www.thebusinessresearchcompany.com](http://www.thebusinessresearchcompany.com)

Follow Us On:

• LinkedIn: <https://in.linkedin.com/company/the-business-research-company>"

Oliver Guirdham

The Business Research Company

+44 7882 955267

info@tbrc.info

Visit us on social media:

[LinkedIn](#)

[Facebook](#)

[X](#)

This press release can be viewed online at: <https://www.einpresswire.com/article/866901896>

EIN Presswire's priority is source transparency. We do not allow opaque clients, and our editors try to be careful about weeding out false and misleading content. As a user, if you see something we have missed, please do bring it to our attention. Your help is welcome. EIN Presswire, Everyone's Internet News Presswire™, tries to define some of the boundaries that are reasonable in today's world. Please see our Editorial Guidelines for more information.

© 1995-2025 Newsmatics Inc. All Right Reserved.