

# **Global Leadless Pacemakers Market Size, Share & Trends Analysis Report by Pacing Chamber (Single Chamber, Dual Chamber), by End Use (Inpatient Facilities, Outpatient Facilities), and Regional Forecasts 2022-2032**

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## **Abstracts**

The global leadless pacemakers market size was valued at approximately USD 624.38 million in 2023 and is anticipated to expand at a compound annual growth rate (CAGR) of 13.6% from 2022 to 2032. Leadless pacemakers represent a groundbreaking advancement in the field of cardiology, providing significant advantages over traditional pacemakers, including reduced infection risks, elimination of lead-related complications, and a minimally invasive implantation process. These features have bolstered their adoption for treating conditions such as bradycardia and atrial fibrillation.

The market's growth is being driven by the rising prevalence of cardiovascular diseases and an aging global population. According to the WHO, the number of individuals aged 60 and above is expected to increase from 1.4 billion in 2030 to nearly 2.1 billion by 2050, creating a substantial patient pool for cardiac care solutions. In addition, advancements in technology, such as the introduction of dual-chamber leadless pacemakers like Abbott's AVEIR DR and Medtronic's Micra AV2, are significantly boosting the market. These devices offer advanced functionalities, including synchronized pacing and improved hemodynamic performance, making them a preferred choice among healthcare professionals.

The demand for leadless pacemakers is further fueled by the rising incidence of arrhythmias, with atrial fibrillation being one of the most common types. According to the CDC, the prevalence of atrial fibrillation in the U.S. alone is projected to reach 12.1 million by 2030. Furthermore, favorable regulatory approvals, increasing adoption in

pediatric and elderly care, and the rising prevalence of diabetes and obesity are accelerating market expansion. For instance, in 2024, Abbott secured CE Mark approval for its leadless dual-chamber pacemakers, expanding their availability across Europe.

North America emerged as the largest regional market in 2024, driven by advanced healthcare infrastructure, high healthcare spending, and the prevalence of cardiovascular diseases. Meanwhile, the Asia Pacific region is expected to exhibit the fastest growth rate, fueled by rising healthcare investments, an increasing burden of cardiovascular disorders, and growing awareness about advanced cardiac care solutions.

Major market players included in this report are:

Medtronic

Abbott

Boston Scientific Corporation

EBR Systems, Inc.

MicroPort Scientific Corporation

The detailed segments and sub-segment of the market are explained below:

By Pacing Chamber:

Single Chamber

Dual Chamber

By End Use:

Inpatient Facilities

Outpatient Facilities

## By Region:

### North America:

U.S.

Canada

Mexico

### Europe:

UK

Germany

France

Italy

Spain

Denmark

Sweden

Norway

### Asia Pacific:

China

Japan

India

South Korea

Australia

Thailand

Latin America:

Brazil

Argentina

Middle East & Africa:

South Africa

Saudi Arabia

UAE

Kuwait

Years considered for the study are as follows:

Historical year – 2022

Base year – 2023

Forecast period – 2024 to 2032

Key Takeaways:

Market Estimates & Forecast for 10 years from 2022 to 2032.

Annualized revenues and regional-level analysis for each market segment.

Detailed analysis of geographical landscapes with country-level analysis of major regions.

Competitive landscape with information on major players in the market.

Analysis of key business strategies and recommendations on future market approaches.

Analysis of the competitive structure of the market.

Demand-side and supply-side analysis of the market.

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