

External Defibrillators -Market Insights, Competitive Landscape and Market Forecast–2026

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Abstracts

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External Defibrillators Market - By Product Type (Non-Wearable [Semi-Automated, Automated] And Wearable), By End-User (Hospitals, Ambulatory Surgical Centers, Home Care Settings, And Others), By Geography is projected to expand at a static CAGR forecast till 2026 due to the growing prevalence of heart-related disorders and technological advancements in the product portfolio.

The global External Defibrillators Market was valued at USD 4.45 billion in 2020, growing at a CAGR of 3.44% during the forecast period from 2021 to 2026 to reach USD 5.43 billion by 2026. The demand for External Defibrillators is primarily associated with the growing incidence of cardiac disorders such as arrhythmias, bradycardias, among others, rise in the geriatric population, integration of advanced technology, growing investments by government and private manufacturers, and rising awareness programs regarding cardiovascular disorders leading to more usage of External Defibrillators, among others.

External Defibrillators Market Dynamics:

External defibrillators are portable, life-saving devices designed to treat people experiencing sudden cardiac arrest. The demand for external defibrillators is increasing due to the rising prevalence of heart-associated disorders such as arrhythmias, bradycardia, hypertension which could ultimately lead to a heart attack. According to the WHO 2021 report, 85% of all cardiovascular deaths globally are due to heart attacks and stroke. Also, as per the European Society of Cardiology 2021 data, sudden cardiac arrest causes around 20% of all deaths in Europe in the year 2017.

Moreover, the increasing burden of hypertension among the population across the globe could also be a potential factor for bolstering the market for external defibrillators. This is because uncontrolled hypertension can be a risk factor for heart attack, heart failure, or irregular heartbeat which could eventually lead to sudden death. For instance, as per the WHO report for the year 2021, an estimated 1.28 billion adults aged 30-79 years worldwide have hypertension and it is a major cause of premature death worldwide. Thus, to prevent such sudden circumstances, the demand for external defibrillators will surge in the upcoming years leading to an increase in market growth for external defibrillators.

However, certain factors such as lack of awareness regarding early corrective measures about Sudden Cardiac Arrest (SCA) and strict regulatory approval process might impede the external defibrillators market.

External Defibrillators Segment Analysis:

External Defibrillators Market By Product Type (Non-wearable [Semi-Automated and Automated], and Wearable), By End User (Hospitals, Ambulatory Surgical Centres, Homecare Settings, and Others), and By Geography (North America, Europe, Asia-Pacific, and Rest of the World).

In the product type segment, the automated external defibrillators (AED) segment from non-wearable external defibrillators is anticipated to hold the largest share of the global external defibrillators market during the forecasted period. This is owing to the advantages associated with the usage of AEDs such as minimal technical information requirement, less mechanical force required for operation, and reduced time for shock reliving during the procedure.

Moreover, recent product approval for automated external defibrillators is likely to fuel the segmental external defibrillator market. For instance, recently in the year 2020, Philips received FDA approval for HeartStart FRx Defibrillator indicated for use on potential victims of sudden cardiac arrest (SCA) with the following symptoms: unconsciousness, and absence of normal breathing.

In addition, the wearable segment is also projected to show lucrative growth in the forthcoming period. The rapid technological innovation in the product line, favorable government regulation are some of the factors that are anticipated to push the external defibrillators market in the coming years.

North America is expected to dominate the overall External Defibrillators Market:

Among all the regions, North America is expected to dominate the overall External Defibrillators market during the forecast period. This domination is due to the growing prevalence of cardiovascular diseases, access to better healthcare infrastructure coupled with the presence of major market players in the region.

Further, in the United States, the risk of being affected by cardiovascular disease is increasing dramatically. According to the CDC report, in 2020, heart disease was the leading cause of death among most men and women in the United States and about 655,000 Americans died from heart disease each year in the region. Furthermore, as per the Sudden Cardiac Arrest Foundation 2021, there are more than 356,000 out-of-hospital cardiac arrests (OHCA) annually in the US and nearly 90% of them are fatal.

Also, according to the Heart and Stroke Foundation Canada 2020 data, an estimated 35,000 cardiac arrests occur in Canada annually and most of them occur outside the hospital. Rapid defibrillation by AED has been shown to improve the survival rate among OHCA patients. Thus rising OHCA in the region will augment the market for external defibrillators in the region.

Furthermore, the presence of key manufacturers in the region such as Stryker, ZOLL, Phillips, among others in the region will surge the external defibrillators market. In addition, various commercialization activities including collaborations, product launch, merger acquisition, and others in the field External Defibrillators is also projected to fuel the market in the region. For instance, in 2019, Stryker launched LIFEPAK® CR2 External Defibrillators with LIFELINK central™ AED Program Manager in the United States. Moreover, the rising initiative by the state for installation of external defibrillators at public places apart from hospitals aiming to prevent sudden cardiac arrest is also a prominent factor contributing to the market growth. For instance, according to the 2019 fact sheet of public access defibrillation (PAD) program recommended by the American Heart Association (AHA) and other national organizations established in the year 2017, there were 13 types of PAD program interventions codified in state law that support comprehensive PAD programs along with widespread adoption of AED placement in schools, health fitness facilities, and other locations. Hence, all these factors along with product launches are propelling the external defibrillators market.

Europe and Asia-Pacific region have the future potential growth for the Global External Defibrillators. This is due to the rising burden of cardiovascular diseases in the

European region countries and the Asian countries also. In addition rising old age population in the region, those who are more prone to develop heart associated problems, growing prevalence of hypertension are also likely to augment the external defibrillators market. Also, the rising healthcare costs, improving healthcare infrastructure, increase in disposable income in growing economies such as China, India, among others are other factors that boost the external defibrillators market in the region.

Key Players:

Some of the key market players operating in the External Defibrillators market include ZOLL Medical Corporation, Koninklijke Philips N.V., BPL Medical Technologies, Mediana Co., Ltd, CU Medical System Inc., Stryker, Shenzhen Mindray Bio-Medical Electronics Co. Ltd, SCHILLER, Bexen Cardio, Nihon Kohden Corporation, Shenzhen Comen Medical Instruments Co., Ltd., Progetti S.r.l., Starker Medical SL, HEARTHERO, Kestra Medical Technologies, Inc., Triviron Healthcare, Amiitalia, Shanghai Huifeng Medical Instrument Co.,Ltd, Metrax GmbH, Meditech Equipment Co.,Ltd, among others.

Recent Developmental Activities:

In August 2021, Kestra™ Medical Technologies, Inc. received the US Food and Drug Administration (FDA) Premarket Approval for the ASSURE® Wearable Cardioverter Defibrillator (WCD) system.

In November 2020, HeartHero has been granted the CE mark for Elliot, a portable, lightweight automated external defibrillator.

In July 2020, Phillips received 510(k) clearances from the FDA for its HeartStart FR3 Defibrillators

Key Takeaways from the 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 market.

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

Key companies dominating the Global External Defibrillators Market.

Various opportunities available for the other competitor in the External Defibrillators Market space.

What are the top performing segments in 2020? How these segments will perform in 2026.

Which is 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 market growth in the coming future?

Target Audience who can be benefited from this Market Report Study

External Defibrillators providers

Research organizations and consulting companies

External Defibrillators-related organization, association, forum, and other alliances

Government and corporate offices

Start-up companies, venture capitalists, and private equity firms

Distributors and Traders

Various End-users who want to know more about the External Defibrillators Market and latest technological developments in the External Defibrillators market.

Frequently Asked Questions for External Defibrillators Market:

1. What are External Defibrillators?

External Defibrillators are life-saving devices designed to treat people experiencing sudden cardiac arrest, a medical condition in which the heart stops beating suddenly

and unexpectedly. These are mainly of automated and semi-automated type.

2. What is the market for Global External Defibrillators?

Global External Defibrillators Market was valued at USD 4.45 billion in 2020, growing at a CAGR of 3.44% during the forecast period from 2021 to 2026 to reach USD 5.43 billion by 2026.

3. What are the drivers for Global External Defibrillators?

The major factors driving the demand for External Defibrillators are the growing geriatric population coupled with the rising cardiovascular disorders. In addition, increasing product approvals, and growing awareness programs regarding cardiovascular disorders and usage of External Defibrillators are expected to drive the global external defibrillators market.

4. What are the key players operating in Global External Defibrillators?

Some of the key market players operating in the External Defibrillators market include ZOLL Medical Corporation, Koninklijke Philips N.V., BPL Medical Technologies, Mediana Co., Ltd, CU Medical System Inc., Stryker, Shenzhen Mindray Bio-Medical Electronics Co. Ltd, SCHILLER, Bexen Cardio, Nihon Kohden Corporation, Shenzhen Comen Medical Instruments Co., Ltd., Progetti S.r.l., Starker Medical SL, HEARTHERO, Kestra Medical Technologies, Inc., Trivitron Healthcare, Amiitalia, Shanghai Huifeng Medical Instrument Co.,Ltd, Metrax GmbH, Meditech Equipment Co.,Ltd, among others.

5. Which region has the highest share in the External Defibrillators market?

North America is expected to dominate the overall External Defibrillators market during the forecast period 2021-2026. This domination is due to the growing prevalence of cardiovascular diseases, access to better healthcare infrastructure coupled with the presence of major market players in the region.

Contents

1. REPORT INTRODUCTION

2. EXECUTIVE SUMMARY

- 2.1. Scope of the Study
- 2.2. Market at Glance
- 2.3. Competitive Assessment
- 2.4. Financial Benchmarking

3. REGULATORY AND PATENT ANALYSIS

- 3.1. The United States
- 3.2. Europe
 - 3.2.1. Germany
 - 3.2.2. France
 - 3.2.3. Italy
 - 3.2.4. Spain
 - 3.2.5. The U.K.
- 3.3. Japan

4. KEY FACTORS ANALYSIS

- 4.1. Market Drivers
 - 4.1.1. Growing Prevalence of Cardiovascular Diseases
 - 4.1.2. Rising investments by government and private manufacturers
 - 4.1.3. Technological Advancements in the Field of External Defibrillators
 - 4.1.4. Increase in awareness programs regarding cardiovascular disorders
- 4.2. Market Restraints and Challenges
 - 4.2.1. Strict Regulatory Approval Process
 - 4.2.2. Fewer Product Recalls
- 4.3. Market Opportunities
 - 4.3.1. The rise in investment by market players for technological development
 - 4.3.2. Growth Opportunities in Emerging Nations

5. PORTER'S FIVE FORCES ANALYSIS

- 5.1. Bargaining Power of Suppliers

- 5.2. Bargaining Power of Consumers
- 5.3. Threat of New Entrants
- 5.4. Threat of Substitutes
- 5.5. Competitive Rivalry

6. COVID-19 IMPACT ANALYSIS ON MARKET

7. MARKET LAYOUT

- 7.1. By Product Type
 - 7.1.1. Non-wearable
 - 7.1.1.1. Automated
 - 7.1.1.2. Semi-automated
 - 7.1.2. Wearable
- 7.2. By End User
 - 7.2.1. Hospitals
 - 7.2.2. Ambulatory Surgical Centers
 - 7.2.3. Home Care Settings
 - 7.2.4. Others
- 7.3. By Geography
 - 7.3.1. North America
 - 7.3.1.1. North America External Defibrillators Market, by Product Type
 - 7.3.1.2. North America External Defibrillators Market, by End User
 - 7.3.1.3. North America External Defibrillators Market, by Country
 - 7.3.1.3.1. United States
 - 7.3.1.3.2. Canada
 - 7.3.1.3.3. Mexico
 - 7.3.2. Europe
 - 7.3.2.1. Europe External Defibrillators Market, by Product Type
 - 7.3.2.2. Europe External Defibrillators Market, by End User
 - 7.3.2.3. Europe External Defibrillators Market, by Country
 - 7.3.2.3.1. France
 - 7.3.2.3.2. Germany
 - 7.3.2.3.3. United Kingdom
 - 7.3.2.3.4. Italy
 - 7.3.2.3.5. Spain
 - 7.3.2.3.6. Russia
 - 7.3.2.3.7. Rest of Europe
 - 7.3.3. Asia-Pacific

- 7.3.3.1. Asia-Pacific External Defibrillators Market, by Product Type
- 7.3.3.2. Asia-Pacific External Defibrillators Market, by End User
- 7.3.3.3. Asia-Pacific External Defibrillators Market, by Country
 - 7.3.3.3.1. China
 - 7.3.3.3.2. Japan
 - 7.3.3.3.3. India
 - 7.3.3.3.4. Australia
 - 7.3.3.3.5. South Korea
 - 7.3.3.3.6. Rest of Asia Pacific
- 7.3.4. Rest of the World (RoW)
 - 7.3.4.1. RoW External Defibrillators Market, by Product Type
 - 7.3.4.2. RoW External Defibrillators Market, by End User
 - 7.3.4.3. RoW External Defibrillators Market, by Region
 - 7.3.4.3.1. Middle East
 - 7.3.4.3.2. Africa
 - 7.3.4.3.3. South America

8. GLOBAL COMPANY SHARE ANALYSIS – KEY 3-5 COMPANIES

9. COMPANY AND PRODUCT PROFILES

- 9.1. ZOLL Medical Corporation
 - 9.1.1. Company Overview
 - 9.1.2. Company Snapshot
 - 9.1.3. Financial Overview
 - 9.1.4. Product Listing
 - 9.1.5. Entropy
- 9.2. Koninklijke Philips N.V.
 - 9.2.1. Company Overview
 - 9.2.2. Company Snapshot
 - 9.2.3. Financial Overview
 - 9.2.4. Product Listing
 - 9.2.5. Entropy
- 9.3. BPL Medical Technologies
 - 9.3.1. Company Overview
 - 9.3.2. Company Snapshot
 - 9.3.3. Financial Overview
 - 9.3.4. Product Listing
 - 9.3.5. Entropy

9.4. Stryker

9.4.1. Company Overview

9.4.2. Company Snapshot

9.4.3. Financial Overview

9.4.4. Product Listing

9.4.5. Entropy

9.5. Mediana Co., Ltd

9.5.1. Company Overview

9.5.2. Company Snapshot

9.5.3. Financial Overview

9.5.4. Product Listing

9.5.5. Entropy

9.6. CU Medical System Inc.

9.6.1. Company Overview

9.6.2. Company Snapshot

9.6.3. Financial Overview

9.6.4. Product Listing

9.6.5. Entropy

9.7. Shenzhen Mindray Bio-Medical Electronics Co. Ltd,

9.7.1. Company Overview

9.7.2. Company Snapshot

9.7.3. Financial Overview

9.7.4. Product Listing

9.7.5. Entropy

9.8. SCHILLER

9.8.1. Company Overview

9.8.2. Company Snapshot

9.8.3. Financial Overview

9.8.4. Product Listing

9.8.5. Entropy

9.9. Bexen Cardio

9.9.1. Company Overview

9.9.2. Company Snapshot

9.9.3. Financial Overview

9.9.4. Product Listing

9.9.5. Entropy

9.10. Nihon Kohden Corporation

9.10.1. Company Overview

9.10.2. Company Snapshot

- 9.10.3. Financial Overview
- 9.10.4. Product Listing
- 9.10.5. Entropy
- 9.11. Shenzhen Comen Medical Instruments Co., Ltd.
 - 9.11.1. Company Overview
 - 9.11.2. Company Snapshot
 - 9.11.3. Financial Overview
 - 9.11.4. Product Listing
 - 9.11.5. Entropy
- 9.12. Progetti S.r.l.
 - 9.12.1. Company Overview
 - 9.12.2. Company Snapshot
 - 9.12.3. Financial Overview
 - 9.12.4. Product Listing
 - 9.12.5. Entropy
- 9.13. Starker Medical SL
 - 9.13.1. Company Overview
 - 9.13.2. Company Snapshot
 - 9.13.3. Financial Overview
 - 9.13.4. Product Listing
 - 9.13.5. Entropy
- 9.14. HEARTHERO
 - 9.14.1. Company Overview
 - 9.14.2. Company Snapshot
 - 9.14.3. Financial Overview
 - 9.14.4. Product Listing
 - 9.14.5. Entropy
- 9.15. Kestra Medical Technologies, Inc.
 - 9.15.1. Company Overview
 - 9.15.2. Company Snapshot
 - 9.15.3. Financial Overview
 - 9.15.4. Product Listing
 - 9.15.5. Entropy
- 9.16. Trivitron Healthcare
 - 9.16.1. Company Overview
 - 9.16.2. Company Snapshot
 - 9.16.3. Financial Overview
 - 9.16.4. Product Listing
 - 9.16.5. Entropy

9.17. Amiitalia

9.17.1. Company Overview

9.17.2. Company Snapshot

9.17.3. Financial Overview

9.17.4. Product Listing

9.17.5. Entropy

9.18. Shanghai Huifeng Medical Instrument Co.,Ltd

9.18.1. Company Overview

9.18.2. Company Snapshot

9.18.3. Financial Overview

9.18.4. Product Listing

9.18.5. Entropy

9.19. Metrax GmbH

9.19.1. Company Overview

9.19.2. Company Snapshot

9.19.3. Financial Overview

9.19.4. Product Listing

9.19.5. Entropy

9.20. Meditech Equipment Co .,Ltd

9.20.1. Company Overview

9.20.2. Company Snapshot

9.20.3. Financial Overview

9.20.4. Product Listing

9.20.5. Entropy

10. PROJECT APPROACH

10.1. Secondary Sources

10.2. Primary Sources

10.3. Data Triangulation

10.4. Key Expert Opinions

11. KOL VIEWS

12. DELVEINSIGHT CAPABILITIES

13. DISCLAIMER

14. ABOUT DELVEINSIGHT

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