

Global Automated External Defibrillators Market Size study & Forecast, by Analysis Type (Semi-automated External Defibrillators, Fully-automated External Defibrillators), by End User (Hospitals/Clinics, Home Care, Other End Users) and Regional Analysis, 2023-2030

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Abstracts

Global Automated External Defibrillators Market is valued at approximately USD 0.81 billion in 2022 and is anticipated to grow with a healthy growth rate of more than 8.78 % during the forecast period 2023-2030. Automated External Defibrillators are portable electronic devices designed to analyze and treat life-threatening cardiac arrhythmias, specifically ventricular fibrillation and ventricular tachycardia. These conditions can lead to sudden cardiac arrest, a medical emergency where the heart's normal rhythm is disrupted, and it is unable to pump blood effectively. The Automated External Defibrillators Market is expanding because of factors such as the increasing number of aging populations and surge in the number of people suffering from cardiovascular diseases. Automated External Defibrillators are user-friendly devices that can be used by individuals with minimal medical training. They are equipped with sensors that analyze the heart's rhythm and determine if an electrical shock is necessary to restore a normal heartbeat. As a result, the demand for Automated External Defibrillators has progressively increased in the international market during the forecast period 2023-2030.

Individuals become increasingly sensitive to cardiovascular disorders as they age, which increases the risk of sudden cardiac arrest. In such situations, Automated External Defibrillators become critical for giving quick intervention. According to the World Health Organization, the world's population of persons aged 60 and more is

anticipated to double approx. 2.1 billion by 2050. The number of people aged 80 and more is predicted to thrice between years 2020 and 2050, reaching 426 million. Furthermore, the aging population can amplify the importance of AEDs, prompting a need for increased availability, awareness, and training in various healthcare settings. Another important factor that drives the Automated External Defibrillators Market is the increasing number of people suffering from cardiovascular diseases. The growing prevalence of cardiovascular diseases led to increasing chances of sudden cardiac arrest events, which eventually created a greater demand for Automated External Defibrillators in various situations, including public places, workplaces, and healthcare facilities. In addition, in 2020, the American Heart Association revealed that in the United States, coronary heart disease was held accountable for the primary cause, responsible for 41.2% of CVD-related deaths, followed by stroke at 17.3%, other cardiovascular diseases at 16.8%, high blood pressure at 12.9%, heart failure at 9.2%, and diseases of the arteries at 2.6%. Moreover, technological advancements in external defibrillators devices and the increasing number of cardiovascular surgeries are anticipated to create lucrative growth opportunities for the market over the forecast period. However, the high cost associated with automated external defibrillators and lack of awareness is going to impede overall market growth throughout the forecast period of 2023-2030.

The key regions considered for the Global Automated External Defibrillators Market study includes Asia Pacific, North America, Europe, Latin America, and Middle East & Africa. North America dominated the market in 2022 owing to growing geriatric population, increasing number of persons dying due to cardiac arrest, and rising emphasis on technological improvement in defibrillators in the region. Ongoing technological advancements in Defibrillators contribute to their effectiveness in delivering timely and accurate defibrillation. Enhanced algorithms, user interfaces, and diagnostic capabilities help optimize the use of Automated External Defibrillators in emergencies. The region's dominant performance is anticipated to propel the overall demand for Automated External Defibrillators. Furthermore, North America is expected to grow fastest over the forecast period, owing to factors such as the expansion of the healthcare industry in the region. The healthcare industry can play a role in promoting awareness and training initiatives among its workforce, creating a more prepared environment for responding to cardiac emergencies.

Major market player included in this report are:

Asahi Kasei Corporation

Stryker Corporation

Nihon Kohden Corporation

Koninklijke Philips NV

Mediana Co. Ltd

Schiller AG

Cardiac Science Corporation

Zoll Medical Corporation

Metrax GmbH

GE Healthcare

Recent Developments in the Market:

In January 2023, Avive Solutions, Inc. got approval from the U.S. Food and Drug Administration (FDA), obtaining Pre-Market Approval (PMA) for its innovative Avive AED, an Automated External Defibrillator. This device has cellular, WiFi, GPS, and Bluetooth connectivity. Avive's breakthrough REALConnect Technology is powered by this connection package. It is intended to assist people access life-saving therapy when and where they need it by integrating with 911 centres through a partnership with RapidSOS. It also effortlessly communicates critical incident data to 911 dispatchers, EMS, and medical professionals at the appropriate time. REALConnect can also automate remote monitoring of Avive's AEDs to ensure proper maintenance and functionality.

Global Automated External Defibrillators Market Report Scope:

Historical Data – 2020 - 2021

Base Year for Estimation – 2022

Forecast period - 2023-2030

Report Coverage - Revenue forecast, Company Ranking, Competitive Landscape, Growth factors, and Trends

Segments Covered - Analysis Type, End User, Region

Regional Scope - North America; Europe; Asia Pacific; Latin America; Middle East & Africa

Customization Scope - Free report customization (equivalent up to 8 analyst's working hours) with purchase. Addition or alteration to country, regional & segment scope*

The objective of the study is to define market sizes of different segments & countries in recent years and to forecast the values to the coming years. The report is designed to incorporate both qualitative and quantitative aspects of the industry within countries involved in the study.

The report also caters detailed information about the crucial aspects such as driving factors & challenges which will define the future growth of the market. Additionally, it also incorporates potential opportunities in micro markets for stakeholders to invest along with the detailed analysis of competitive landscape and product offerings of key players. The detailed segments and sub-segment of the market are explained below:

By Analysis Type

Semi-automated External Defibrillators

Fully-automated External Defibrillators

By End User

Hospitals/Clinics

Home Care

Other End Users

By Region:

North America

U.S.

Canada

Europe

UK

Germany

France

Spain

Italy

ROE

Asia Pacific

China

India

Japan

Australia

South Korea

RoAPAC

Latin America

Brazil

Mexico

Middle East & Africa

Saudi Arabia

South Africa

Rest of Middle East & Africa

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