

# Mechanical Chest Compressor Market to Grow at 7.2% CAGR By 2032 Driven by Increasing Adoption of Chest Compressions

*The mechanical chest compressor market is expected to grow at a CAGR of 7.2% from 2023-2032, driven by the increasing incidence of cardiac arrests*

NEW YORK, NY, UNITED STATES, May 3, 2023 /EINPresswire.com/ -- The [Mechanical Chest Compressor Market](#)

is a dynamic and growing industry, poised to expand at a remarkable CAGR of 7.2% from 2023-2032. This growth is driven by a multitude of factors, including the rising prevalence of cardiac arrests and the increasing adoption of mechanical chest compressions as a treatment option. The market is segmented into two product types, namely manual chest compressors and automatic chest compressors, each with its unique application and usage.

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Manual chest compressors are primarily used in pre-hospital settings, while automatic chest compressors are utilized in hospitals and other healthcare facilities. This segmentation reflects the diverse needs of the industry and the various scenarios in which mechanical chest compressions are required.

The growing adoption of mechanical chest compressions

as a treatment option is a key driver of the market. This method of treatment provides consistent and accurate compressions, which can be used in various settings. This makes it an attractive option for healthcare professionals, as it is reliable and efficient.

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Another crucial driver of the market is the increasing incidence of cardiac arrests. The global



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prevalence of cardiovascular diseases and the aging population are key contributors to the growing number of cardiac arrest cases. According to the American Heart Association, out-of-hospital cardiac arrests occur approximately 356,500 times each year in the United States alone, with a majority of victims dying before reaching the hospital. Factors like physical inactivity, smoking, and poor diet also contribute to this high incidence.

It is important to note that the effectiveness of mechanical chest compressions in treating cardiac arrest is heavily influenced by the quality of Emergency Medical Services, response time, and the training of first responders. Hence, the market growth is also impacted by the overall quality of healthcare infrastructure and support services.

In conclusion, the mechanical chest compressor market is a promising and rapidly growing industry that is driven by multiple factors. The adoption of mechanical chest compressions as a reliable and consistent treatment option, coupled with the rising incidence of cardiac arrests, has propelled this market's growth. However, the effectiveness of the treatment is also heavily influenced by other factors, like response time and quality of first responders, and the overall quality of healthcare infrastructure and support services.

### Segments Covered in the Report

The mechanical chest compressor market is segmented by product type, end-use, and region.

In terms of product type, the market is divided into manual chest compressors and automatic chest compressors. Manual chest compressors are typically used in pre-hospital settings and operated by trained medical personnel, while automatic chest compressors are used in hospitals and other healthcare facilities and operated by trained medical personnel.

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The end-use segment comprises hospitals, emergency medical services, and others. Hospitals constitute the largest end-use segment, owing to the high incidence of cardiac arrests in hospitals.

Geographically, the market is segmented into North America, Europe, Asia-Pacific, Latin America, and the Middle East & Africa. North America is the largest market for mechanical chest compressors, due to the high incidence of cardiac arrests and the presence of a large number of key players in the region. However, during the forecast period, the Asia-Pacific region is expected to witness the highest growth, due to the increasing incidence of cardiac arrests and the growing adoption of mechanical chest compressions as a treatment option in the region.

Competitive Landscape:

The mechanical chest compressor market is highly competitive, with numerous players vying for a share of the market. The major players in the market include Zoll Medical, Physio-Control, Schiller, Stryker, Laerdal Medical, and Medtronic, who are known for their strong brand recognition, diverse product offerings, and widespread distribution networks.

In addition to these key players, many small and medium-sized enterprises operate in the market, focusing on niche products or specific regions, which enables them to differentiate themselves from larger competitors.

To maintain their position in the market, players are implementing various strategies such as product innovation, partnerships and collaborations, and expanding their distribution networks. Product innovation is a key strategy for players in the market, as companies invest in research and development to create new and advanced mechanical chest compressors.

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Partnerships and collaborations are also significant strategies for players in the market, as companies team up with other businesses and research institutions to develop new technologies and products. For example, in 2020, Zoll Medical announced that it had received FDA clearance for its new mechanical chest compressor, the Zoll Auto Pulse, which was the result of collaboration with other companies and researchers.

Overall, the mechanical chest compressor market is dynamic and competitive, with players continuously seeking new ways to differentiate themselves and gain a larger share of the market.

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