

Veterinary Defibrillators Market Opportunity, Growth Drivers, Industry Trend Analysis, and Forecast 2025 - 2034

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Abstracts

The Global Veterinary Defibrillators Market was valued at USD 71.6 million in 2024 and is estimated to grow at a CAGR of 5.6% to reach USD 121.9 million by 2034. Increasing occurrences of cardiovascular issues in animals are a major driver fueling market demand. The growth is further supported by the rising number of veterinary hospitals, clinics, and emergency care facilities. Around-the-clock animal emergency services and specialized cardiac care are increasing the need for defibrillators, particularly those equipped with multiparameter functionalities. Recent advancements in compact, portable, and easy-to-use automated external defibrillators (AEDs) are extending their reach to smaller clinics and mobile practices, enabling broader access to life-saving technologies.

Enhanced accessibility, combined with improvements in ease of operation and integration with modern monitoring tools, is helping drive adoption across a wider range of veterinary applications. As more pet owners prioritize cardiac health, and as awareness spreads regarding the benefits of timely defibrillation during emergencies, veterinary practices are recognizing the importance of these life-saving devices. Increased pet adoption rates and the rising standards of animal care are contributing to long-term demand for both manual and automated solutions, particularly in developed markets where infrastructure is well-established and continually expanding. Veterinary defibrillators deliver therapeutic electrical shocks to animals in cases of cardiac arrhythmia or sudden cardiac arrest.

In 2024, the automated external defibrillators (AEDs) segment generated USD 44.4 million. The high adoption rate of AEDs is largely due to their intuitive design and user-guided functionality. Built-in algorithms that assist veterinarians through the defibrillation

process are encouraging their use in small and mid-size practices, as well as in mobile units. Their ability to instantly assess heart rhythms and deliver the necessary shock makes them essential for rapid-response scenarios. Compact form, rechargeable power, and integrated monitoring capabilities support their versatility. AEDs are being increasingly used beyond traditional clinics, in mobile veterinary services, rescue operations, and animal health facilities in remote areas, which contributes significantly to the segment's ongoing expansion.

The biphasic defibrillators segment is projected to grow at a CAGR of 5.5% through 2034. These devices utilize dual-phase shock delivery, allowing more efficient and controlled current flow through the heart, which is particularly beneficial for animals with sensitive cardiovascular systems. Lower energy requirements reduce tissue damage risks, which is crucial when treating small pets. The enhanced safety and effectiveness of biphasic technology are positioning it as a preferred option among veterinarians. The segment's growth is also driven by its high compatibility with contemporary multiparameter monitors and integration into critical care environments like ICUs and surgical units. Veterinary specialists and teaching hospitals increasingly favor these systems due to their advanced shock algorithms and adaptability in high-intensity medical settings.

United States Veterinary Defibrillators Market reached USD 27.1 million in 2024. This consistent increase reflects growing pet ownership, improvements in veterinary infrastructure, and a heightened focus on emergency animal care. Pet insurance adoption is also supporting access to high-end technologies, enabling more pet owners to afford devices like biphasic defibrillators and AEDs. The push for better cardiac care in pets is fostering a more robust and technologically equipped emergency response system in veterinary practices.

Key players shaping the Global Veterinary Defibrillators Market include Mindray Medical International Limited, Avante Animal Health, Wuhan Union Medical Technology, New Gen Medical Systems, Shinova Medical, ARI Medical Technology, Infinium Medical, Shenzhen Comen Medical Instruments, Promed Technology, Chongqing Vision Star Optical, Kalstein, Digicare Biomedical, Meditech Equipment, Hefei Eur Vet Technology, and Zucami Medical. To secure and strengthen their market position, leading veterinary defibrillator manufacturers are actively investing in the development of compact, portable devices that combine ease of use with sophisticated clinical features. Integration of intelligent shock algorithms and multiparameter monitoring into both manual and AED systems is helping enhance product value. Strategic partnerships with veterinary hospitals and emergency care providers allow brands to understand real-

world needs and tailor solutions accordingly. Additionally, companies are broadening their global distribution networks and entering underserved regions where veterinary care infrastructure is still evolving.

Companies Mentioned

ARI Medical Technology, Avante Animal Health, Chongqing Vision Star Optical, Digicare Biomedical, Hefei Eur Vet Technology, Infinium Medical, Kalstein, Meditech Equipment, Mindray Medical International Limited, New Gen Medical Systems, Promed Technology, Shenzhen Comen Medical Instruments, Shinova Medical, Wuhan Union Medical Technology

Contents

Report Content

CHAPTER 1 METHODOLOGY AND SCOPE

- 1.1 Market scope and definition
- 1.2 Research design
 - 1.2.1 Research approach
 - 1.2.2 Data collection methods
- 1.3 Data mining sources
 - 1.3.1 Global
 - 1.3.2 Regional/country
- 1.4 Base estimates and calculations
 - 1.4.1 Base year calculation
 - 1.4.2 Key trends for market estimation
- 1.5 Primary research and validation
 - 1.5.1 Primary sources
- 1.6 Forecast model
- 1.7 Research assumptions and limitations

CHAPTER 2 EXECUTIVE SUMMARY

- 2.1 Industry 360° synopsis
- 2.2 Key market trends
 - 2.2.1 Regional
 - 2.2.2 Product Type
 - 2.2.3 Modality
 - 2.2.4 Technology
 - 2.2.5 Animal type
 - 2.2.6 Functionality
 - 2.2.7 End Use
- 2.3 CXO perspectives: Strategic imperatives
 - 2.3.1 Key decision points for industry executives
 - 2.3.2 Critical success factors for market players
- 2.4 Future outlook and strategic recommendations

CHAPTER 3 INDUSTRY INSIGHTS

- 3.1 Industry ecosystem analysis
 - 3.1.1 Supplier landscape
 - 3.1.2 Value addition at each stage
 - 3.1.3 Factors affecting the value chain
- 3.2 Industry impact forces
 - 3.2.1 Growth drivers
 - 3.2.1.1 Rising pet ownership and humanization of pets
 - 3.2.1.2 Increasing incidence of cardiac disorders in pets
 - 3.2.1.3 Advancements in veterinary medical technology
 - 3.2.2 Industry pitfalls and challenges
 - 3.2.2.1 High cost of defibrillators
 - 3.2.2.2 Lack of awareness and training
 - 3.2.3 Opportunities
 - 3.2.3.1 Rising demand for emergency and critical care services
 - 3.2.3.2 Growing investments in veterinary infrastructure in developing regions
- 3.3 Growth potential analysis
- 3.4 Regulatory landscape
 - 3.4.1 North America
 - 3.4.2 Europe
 - 3.4.3 Asia Pacific
 - 3.4.4 Latin America
 - 3.4.5 Middle East and Africa
- 3.5 Technology landscape
 - 3.5.1 Current technological trends
 - 3.5.2 Emerging technologies
- 3.6 Future market trends
- 3.7 Consumer behaviour analysis
- 3.8 Porter's analysis
- 3.9 PESTEL analysis

CHAPTER 4 COMPETITIVE LANDSCAPE, 2024

- 4.1 Introduction
- 4.2 Company market share analysis
- 4.3 Company matrix analysis
- 4.4 Competitive analysis of major market players
- 4.5 Competitive positioning matrix
- 4.6 Key developments
 - 4.6.1 Merger and acquisition

- 4.6.2 Partnership and collaboration
- 4.6.3 New product launches
- 4.6.4 Expansion plans

CHAPTER 5 MARKET ESTIMATES AND FORECAST, BY PRODUCT TYPE, 2021 – 2034 (\$ MN)

- 5.1 Key trends
- 5.2 Automated external defibrillators (AEDs)
- 5.3 Manual defibrillators

CHAPTER 6 MARKET ESTIMATES AND FORECAST, BY MODALITY, 2021 – 2034 (\$ MN)

- 6.1 Key trends
- 6.2 External
- 6.3 Internal

CHAPTER 7 MARKET ESTIMATES AND FORECAST, BY TECHNOLOGY, 2021 – 2034 (\$ MN)

- 7.1 Key trends
- 7.2 Biphasic
- 7.3 Monophasic

CHAPTER 8 MARKET ESTIMATES AND FORECAST, BY ANIMAL TYPE, 2021 – 2034 (\$ MN)

- 8.1 Key trends
- 8.2 Dogs
- 8.3 Cats
- 8.4 Horses
- 8.5 Other animal types

CHAPTER 9 MARKET ESTIMATES AND FORECAST, BY FUNCTIONALITY, 2021 – 2034 (\$ MN)

- 9.1 Key trends
- 9.2 Standard

9.3 Multiparameter-capability

CHAPTER 10 MARKET ESTIMATES AND FORECAST, BY END USE, 2021 – 2034 (\$ MN)

10.1 Key trends

10.2 Veterinary hospitals and clinics

10.3 Veterinary research institutes

10.4 Other end use

CHAPTER 11 MARKET ESTIMATES AND FORECAST, BY REGION, 2021 – 2034 (\$ MN)

11.1 Key trends

11.2 North America

11.2.1 U.S.

11.2.2 Canada

11.3 Europe

11.3.1 Germany

11.3.2 UK

11.3.3 France

11.3.4 Italy

11.3.5 Spain

11.3.6 Netherlands

11.4 Asia Pacific

11.4.1 China

11.4.2 Japan

11.4.3 India

11.4.4 Australia

11.4.5 South Korea

11.5 Latin America

11.5.1 Brazil

11.5.2 Mexico

11.5.3 Argentina

11.6 Middle East and Africa

11.6.1 South Africa

11.6.2 Saudi Arabia

11.6.3 UAE

CHAPTER 12 COMPANY PROFILES

- 12.1 ARI Medical Technology
- 12.2 Avante Animal Health
- 12.3 Chongqing Vision Star Optical
- 12.4 Digicare Biomedical
- 12.5 Hefei Eur Vet Technology
- 12.6 Infinium Medical
- 12.7 Kalstein
- 12.8 Meditech Equipment
- 12.9 Mindray Medical International Limited
- 12.10 New Gen Medical Systems
- 12.11 Promed Technology
- 12.12 Shenzhen Comen Medical Instruments
- 12.13 Shinova Medical
- 12.14 Wuhan Union Medical Technology

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