

Global Medical Electronics Market Size Study, by Component (Sensors, Batteries, Displays, MPUs/MCUs, Others), by Application (Medical Imaging, Clinical, Diagnostic, and Therapeutics, Patient Monitoring, Flow Measurement, Cardiology, Others), by End Use (Hospitals, Ambulatory Surgical Centers, Home Care, Others) and Regional Forecasts 2023-2032

<https://marketpublishers.com/r/G45C0BCDFA14EN.html>

Date: July 2024

Pages: 200

Price: US\$ 4,950.00 (Single User License)

ID: G45C0BCDFA14EN

Abstracts

Global Medical Electronics Market was valued at approximately USD 12.59 Billion in 2023 and is projected to grow at a healthy CAGR of 6.7% from 2024 to 2032. Medical electronics, encompassing a range of devices from diagnostic tools like MRI machines and ECG monitors to implantable devices such as pacemakers and insulin pumps, are integral to contemporary healthcare systems. These sophisticated devices aid in the diagnosis, monitoring, and treatment of various medical conditions, leveraging advanced technologies to ensure precision, reliability, and compliance with stringent medical standards. The escalating demand for such electronic devices is primarily driven by the increasing prevalence of chronic diseases, the aging population, and the necessity for advanced diagnostic and therapeutic solutions. The role of medical electronics in healthcare is paramount, offering enhanced diagnostic accuracy and facilitating real-time patient monitoring, which significantly reduces the need for frequent hospital visits. These devices also contribute to the management of chronic conditions, improve patient outcomes, and support the transition towards value-based care models. Additionally, the rise of electronic health records (EHRs) has streamlined patient information management, enhancing healthcare coordination and efficiency.

A major driving force behind the market's growth is the global demand for efficient healthcare solutions. Biomedical devices, healthcare electronics, and medical sensors are increasingly utilized across various settings, including home healthcare, driven by the rising elderly population. This trend towards patient-centric care further propels the adoption of medical electronics, contributing to better healthcare outcomes and reduced hospitalizations. However, the medical electronics sector faces significant challenges, primarily due to the complex and stringent regulatory environment. The diverse standards and compliance criteria across different regions create hurdles for market entry, leading to extended timelines and increased financial burdens for manufacturers. These regulatory challenges can slow down the pace of innovation and market accessibility, affecting both established players and new entrants.

Despite these challenges, there are substantial future opportunities in integrating telemedicine technology with medical electronics. The growing emphasis on remote patient monitoring and virtual consultations presents a significant growth avenue. The development of wearable devices and connected health solutions can enhance real-time data collection, diagnostics, and personalized healthcare services, improving accessibility and convenience for patients worldwide.

The key regions considered for the Global Medical Electronics Market study include Asia Pacific, North America, Europe, Latin America, and Rest of the World. North America holds the largest market share, driven by high healthcare expenditure and robust medical infrastructure. The presence of major medical device manufacturers and substantial investments in healthcare advancements further support market growth in this region. Whereas, the market in Asia Pacific is anticipated to grow at the fastest rate over the forecast period 2024-2032.

Major market players included in this report are:

Johnson & Johnson (U.S.)

Abbott

Koninklijke Philips N.V.

Becton Dickinson & Company

Stryker

Medtronic

GE Healthcare

Fresenius Medical Care AG & Co. KGaA

Cardinal Health

Siemens Healthineers AG

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

By Component:

Sensors

Batteries

Displays

MPUs/MCUs

Others

By Application:

Medical Imaging

Clinical, Diagnostic, and Therapeutics

Patient Monitoring

Flow Measurement

Cardiology

Others

By End Use:

Hospitals

Ambulatory Surgical Centers

Home Care

Others

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

RoMEA

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 2023 to 2032.

Annualized revenues and regional level analysis for each market segment.

Detailed analysis of geographical landscape 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 approach.

Analysis of competitive structure of the market.

Demand side and supply side analysis of the market.

Contents

CHAPTER 1. GLOBAL MEDICAL ELECTRONICS MARKET EXECUTIVE SUMMARY

- 1.1. Global Medical Electronics Market Size & Forecast (2023-2032)
- 1.2. Regional Summary
- 1.3. Segmental Summary
 - 1.3.1. By Component
 - 1.3.2. By Application
 - 1.3.3. By End Use
- 1.4. Key Trends
- 1.5. Recession Impact
- 1.6. Analyst Recommendation & Conclusion

CHAPTER 2. GLOBAL MEDICAL ELECTRONICS MARKET DEFINITION AND RESEARCH ASSUMPTIONS

- 2.1. Research Objective
- 2.2. Market Definition
- 2.3. Research Assumptions
 - 2.3.1. Inclusion & Exclusion
 - 2.3.2. Limitations
 - 2.3.3. Supply Side Analysis
 - 2.3.3.1. Availability
 - 2.3.3.2. Infrastructure
 - 2.3.3.3. Regulatory Environment
 - 2.3.3.4. Market Competition
 - 2.3.3.5. Economic Viability (Consumer's Perspective)
 - 2.3.4. Demand Side Analysis
 - 2.3.4.1. Regulatory Frameworks
 - 2.3.4.2. Technological Advancements
 - 2.3.4.3. Environmental Considerations
 - 2.3.4.4. Consumer Awareness & Acceptance
- 2.4. Estimation Methodology
- 2.5. Years Considered for the Study
- 2.6. Currency Conversion Rates

CHAPTER 3. GLOBAL MEDICAL ELECTRONICS MARKET DYNAMICS

3.1. Market Drivers

3.1.1. Rising Demand for Efficient Healthcare Solutions

3.1.2. Increased Adoption in Home Healthcare Settings

3.2. Market Challenges

3.2.1. Regulatory Environment

3.2.2. High Costs of Compliance

3.3. Market Opportunities

3.3.1. Integration of Telemedicine Technology

3.3.2. Innovations in Wearable and Connected Devices

CHAPTER 4. GLOBAL MEDICAL ELECTRONICS MARKET INDUSTRY ANALYSIS

4.1. Porter's 5 Force Model

4.1.1. Bargaining Power of Suppliers

4.1.2. Bargaining Power of Buyers

4.1.3. Threat of New Entrants

4.1.4. Threat of Substitutes

4.1.5. Competitive Rivalry

4.1.6. Futuristic Approach to Porter's 5 Force Model

4.1.7. Porter's 5 Force Impact Analysis

4.2. PESTEL Analysis

4.2.1. Political

4.2.2. Economical

4.2.3. Social

4.2.4. Technological

4.2.5. Environmental

4.2.6. Legal

4.3. Top Investment Opportunity

4.4. Top Winning Strategies

4.5. Disruptive Trends

4.6. Industry Expert Perspective

4.7. Analyst Recommendation & Conclusion

CHAPTER 5. GLOBAL MEDICAL ELECTRONICS MARKET SIZE & FORECASTS BY COMPONENT (2023-2032)

5.1. Segment Dashboard

5.2. Global Medical Electronics Market: Component Revenue Trend Analysis, 2023 & 2032 (USD Billion)

- 5.2.1. Sensors
- 5.2.2. Batteries
- 5.2.3. Displays
- 5.2.4. MPUs/MCUs
- 5.2.5. Others

CHAPTER 6. GLOBAL MEDICAL ELECTRONICS MARKET SIZE & FORECASTS BY APPLICATION (2023-2032)

- 6.1. Segment Dashboard
- 6.2. Global Medical Electronics Market: Application Revenue Trend Analysis, 2023 & 2032 (USD Billion)
 - 6.2.1. Medical Imaging
 - 6.2.2. Clinical, Diagnostic, and Therapeutics
 - 6.2.3. Patient Monitoring
 - 6.2.4. Flow Measurement
 - 6.2.5. Cardiology
 - 6.2.6. Others

CHAPTER 7. GLOBAL MEDICAL ELECTRONICS MARKET SIZE & FORECASTS BY END USE (2023-2032)

- 7.1. Segment Dashboard
- 7.2. Global Medical Electronics Market: End Use Revenue Trend Analysis, 2023 & 2032 (USD Billion)
 - 7.2.1. Hospitals
 - 7.2.2. Ambulatory Surgical Centers
 - 7.2.3. Home Care
 - 7.2.4. Others

CHAPTER 8. GLOBAL MEDICAL ELECTRONICS MARKET SIZE & FORECASTS BY REGION (2023-2032)

- 8.1. North America Medical Electronics Market
 - 8.1.1. U.S. Medical Electronics Market
 - 8.1.2. Canada Medical Electronics Market
- 8.2. Europe Medical Electronics Market
 - 8.2.1. UK Medical Electronics Market
 - 8.2.2. Germany Medical Electronics Market

- 8.2.3. France Medical Electronics Market
- 8.2.4. Spain Medical Electronics Market
- 8.2.5. Italy Medical Electronics Market
- 8.2.6. Rest of Europe Medical Electronics Market
- 8.3. Asia-Pacific Medical Electronics Market
 - 8.3.1. China Medical Electronics Market
 - 8.3.2. India Medical Electronics Market
 - 8.3.3. Japan Medical Electronics Market
 - 8.3.4. Australia Medical Electronics Market
 - 8.3.5. South Korea Medical Electronics Market
 - 8.3.6. Rest of Asia Pacific Medical Electronics Market
- 8.4. Latin America Medical Electronics Market
 - 8.4.1. Brazil Medical Electronics Market
 - 8.4.2. Mexico Medical Electronics Market
 - 8.4.3. Rest of Latin America Medical Electronics Market
- 8.5. Middle East & Africa Medical Electronics Market
 - 8.5.1. Saudi Arabia Medical Electronics Market
 - 8.5.2. South Africa Medical Electronics Market
 - 8.5.3. Rest of Middle East & Africa Medical Electronics Market

CHAPTER 9. COMPETITIVE INTELLIGENCE

- 9.1. Key Company SWOT Analysis
 - 9.1.1. Company
 - 9.1.2. Company
 - 9.1.3. Company
- 9.2. Top Market Strategies
- 9.3. Company Profiles
 - 9.3.1. Johnson & Johnson (U.S.)
 - 9.3.1.1. Key Information
 - 9.3.1.2. Overview
 - 9.3.1.3. Financial (Subject to Data Availability)
 - 9.3.1.4. Product Summary
 - 9.3.1.5. Market Strategies
 - 9.3.2. Abbott
 - 9.3.3. Koninklijke Philips N.V.
 - 9.3.4. Becton Dickinson & Company
 - 9.3.5. Stryker
 - 9.3.6. Medtronic

- 9.3.7. GE Healthcare
- 9.3.8. Fresenius Medical Care AG & Co. KGaA
- 9.3.9. Cardinal Health
- 9.3.10. Siemens Healthineers AG

CHAPTER 10. RESEARCH PROCESS

- 10.1. Research Process
 - 10.1.1. Data Mining
 - 10.1.2. Analysis
 - 10.1.3. Market Estimation
 - 10.1.4. Validation
 - 10.1.5. Publishing
- 10.2. Research Attributes

List Of Tables

LIST OF TABLES

TABLE 1. Global Medical Electronics market, report scope

TABLE 2. Global Medical Electronics market estimates & forecasts by Region
2023-2032 (USD Billion)

TABLE 3. Global Medical Electronics market estimates & forecasts by Component
2023-2032 (USD Billion)

TABLE 4. Global Medical Electronics market estimates & forecasts by Application
2023-2032 (USD Billion)

TABLE 5. Global Medical Electronics market by segment, estimates & forecasts,
2023-2032 (USD Billion)

TABLE 6. Global Medical Electronics market by region, estimates & forecasts,
2023-2032 (USD Billion)

TABLE 7. Global Medical Electronics market by segment, estimates & forecasts,
2023-2032 (USD Billion)

TABLE 8. Global Medical Electronics market by region, estimates & forecasts,
2023-2032 (USD Billion)

TABLE 9. Global Medical Electronics market by segment, estimates & forecasts,
2023-2032 (USD Billion)

TABLE 10. Global Medical Electronics market by region, estimates & forecasts,
2023-2032 (USD Billion)

TABLE 11. Global Medical Electronics market by segment, estimates & forecasts,
2023-2032 (USD Billion)

TABLE 12. Global Medical Electronics market by region, estimates & forecasts,
2023-2032 (USD Billion)

TABLE 13. Global Medical Electronics market by segment, estimates & forecasts,
2023-2032 (USD Billion)

TABLE 14. Global Medical Electronics market by region, estimates & forecasts,
2023-2032 (USD Billion)

TABLE 15. U.S. Medical Electronics market estimates & forecasts, 2023-2032 (USD
Billion)

TABLE 16. U.S. Medical Electronics market estimates & forecasts by segment
2023-2032 (USD Billion)

TABLE 17. U.S. Medical Electronics market estimates & forecasts by segment
2023-2032 (USD Billion)

TABLE 18. Canada Medical Electronics market estimates & forecasts, 2023-2032 (USD
Billion)

TABLE 19. Canada Medical Electronics market estimates & forecasts by segment
2023-2032 (USD Billion)

TABLE 20. Canada Medical Electronics market estimates & forecasts by segment
2023-2032 (USD Billion)

.....

This list is not complete, final report does contain more than 100 tables. The list may be updated in the final deliverable.

List Of Figures

LIST OF FIGURES

- FIG 1. Global Medical Electronics market, research methodology
- FIG 2. Global Medical Electronics market, market estimation techniques
- FIG 3. Global market size estimates & forecast methods.
- FIG 4. Global Medical Electronics market, key trends 2023
- FIG 5. Global Medical Electronics market, growth prospects 2023-2032
- FIG 6. Global Medical Electronics market, porters 5 force model
- FIG 7. Global Medical Electronics market, PESTEL analysis
- FIG 8. Global Medical Electronics market, value chain analysis
- FIG 9. Global Medical Electronics market by segment, 2023 & 2032 (USD Billion)
- FIG 10. Global Medical Electronics market by segment, 2023 & 2032 (USD Billion)
- FIG 11. Global Medical Electronics market by segment, 2023 & 2032 (USD Billion)
- FIG 12. Global Medical Electronics market by segment, 2023 & 2032 (USD Billion)
- FIG 13. Global Medical Electronics market by segment, 2023 & 2032 (USD Billion)
- FIG 14. Global Medical Electronics market, regional snapshot 2023 & 2032
- FIG 15. North America Medical Electronics market 2023 & 2032 (USD Billion)
- FIG 16. Europe Medical Electronics market 2023 & 2032 (USD Billion)
- FIG 17. Asia Pacific Medical Electronics market 2023 & 2032 (USD Billion)
- FIG 18. Latin America Medical Electronics market 2023 & 2032 (USD Billion)
- FIG 19. Middle East & Africa Medical Electronics market 2023 & 2032 (USD Billion)
- FIG 20. Global Medical Electronics market, company market share analysis (2023)

.....

This list is not complete, final report does contain more than 50 figures. The list may be updated in the final deliverable.

I would like to order

Product name: Global Medical Electronics Market Size Study, by Component (Sensors, Batteries, Displays, MPUs/MCUs, Others), by Application (Medical Imaging, Clinical, Diagnostic, and Therapeutics, Patient Monitoring, Flow Measurement, Cardiology, Others), by End Use (Hospitals, Ambulatory Surgical Centers, Home Care, Others) and Regional Forecasts 2023-2032

Product link: <https://marketpublishers.com/r/G45C0BCDFA14EN.html>

Price: US\$ 4,950.00 (Single User License / Electronic Delivery)

If you want to order Corporate License or Hard Copy, please, contact our Customer Service:

info@marketpublishers.com

Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <https://marketpublishers.com/r/G45C0BCDFA14EN.html>

To pay by Wire Transfer, please, fill in your contact details in the form below:

First name:
Last name:
Email:
Company:
Address:
City:
Zip code:
Country:
Tel:
Fax:
Your message:

****All fields are required**

Customer signature _____

Please, note that by ordering from marketpublishers.com you are agreeing to our Terms & Conditions at <https://marketpublishers.com/docs/terms.html>

To place an order via fax simply print this form, fill in the information below
and fax the completed form to +44 20 7900 3970