

# **MRI Compatible IV Infusion Pumps Market Size, Trends, Analysis, and Outlook By Product (Pumps, Tubing and Disposables), By End-User (Hospitals, Ambulatory Surgical Centers, Diagnostics and Imaging Centers), by Region, Country, Segment, and Companies, 2024-2030**

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## **Abstracts**

The global MRI Compatible IV Infusion Pumps market size is poised to register 8.03% growth (CAGR) from 2024 to 2030, presenting significant growth prospects for companies operating in the industry. The industry study analyzes the global MRI Compatible IV Infusion Pumps market By Product (Pumps, Tubing and Disposables), By End-User (Hospitals, Ambulatory Surgical Centers, Diagnostics and Imaging Centers).

The future of MRI-compatible intravenous (IV) infusion pumps is driven by advancements in medical imaging, infusion therapy, and patient safety aimed at enabling continuous drug delivery during magnetic resonance imaging (MRI) procedures. Key trends include the development of MRI-compatible infusion pumps with non-magnetic materials, shielded electronic components, and wireless communication capabilities to ensure safe and reliable operation within the MRI environment. Additionally, there is a growing emphasis on the integration of advanced safety features, such as real-time MRI artifact detection, automatic pump suspension, and remote monitoring alarms, to mitigate risks of electromagnetic interference, fluid displacement errors, and medication administration errors during MRI scans. Moreover, advancements in infusion pump design, flow control algorithms, and drug delivery protocols enable precise infusion rate adjustments and bolus dosing administration tailored to individual patient needs and MRI imaging protocols, driving continuous

improvement and adoption of MRI-compatible IV infusion pumps in radiology departments, anesthesia units, and critical care settings..

## MRI Compatible IV Infusion Pumps Market Drivers, Trends, Opportunities, and Growth Opportunities

This comprehensive study discusses the latest trends and the most pressing challenges for industry players and investors. The MRI Compatible IV Infusion Pumps market research analyses the global market trends, key drivers, challenges, and opportunities in the industry. In addition, the latest Future of MRI Compatible IV Infusion Pumps survey report provides the market size outlook across types, applications, and other segments across the world and regions. It provides data-driven insights and actionable recommendations for companies in the MRI Compatible IV Infusion Pumps industry.

## Key market trends defining the global MRI Compatible IV Infusion Pumps demand in 2024 and Beyond

The industry continues to remain an attractive hub for opportunities for both domestic and global vendors. As the market evolves, factors such as emerging market dynamics, demand from end-user sectors, a growing patient base, changes in consumption patterns, and widening distribution channels continue to play a major role.

## MRI Compatible IV Infusion Pumps Market Segmentation- Industry Share, Market Size, and Outlook to 2030

The MRI Compatible IV Infusion Pumps industry comprises a wide range of segments and sub-segments. The rising demand for these product types and applications is supporting companies to increase their investment levels across niche segments. Accordingly, leading companies plan to generate a large share of their future revenue growth from expansion into these niche segments. The report presents the market size outlook across segments to support MRI Compatible IV Infusion Pumps companies scaling up production in these sub-segments with a focus on expanding into emerging countries.

## Key strategies adopted by companies within the MRI Compatible IV Infusion Pumps industry

Leading MRI Compatible IV Infusion Pumps companies are boosting investments to capitalize on untapped potential and future possibilities across niche market segments

and surging demand conditions in key regions. Further, companies are leveraging advanced technologies to unlock opportunities and achieve operational excellence. The report provides key strategies opted for by the top 10 MRI Compatible IV Infusion Pumps companies.

### MRI Compatible IV Infusion Pumps Market Study- Strategic Analysis Review

The MRI Compatible IV Infusion Pumps market research report dives deep into the qualitative factors shaping the market, empowering you to make informed decisions-

**Industry Dynamics:** Porter's Five Forces analysis to understand bargaining power, competitive rivalry, and threats that impact long-term strategy formulation.

**Strategic Insights:** Provides valuable perspectives on key players and their approaches based on comprehensive strategy analysis.

**Internal Strengths and Weaknesses:** Develop targeted strategies to leverage strengths, address weaknesses, and capitalize on market opportunities.

**Future Possibilities:** Prepare for diverse outcomes with in-depth scenario analysis. Explore potential market disruptions, technology advancements, and economic changes.

### MRI Compatible IV Infusion Pumps Market Size Outlook- Historic and Forecast Revenue in Three Cases

The MRI Compatible IV Infusion Pumps industry report provides a detailed analysis and outlook of revenue generated by companies from 2018 to 2023. Further, with actual data for 2023, the report forecasts the market size outlook from 2024 to 2030 in three case scenarios- low case, reference case, and high case scenarios.

### MRI Compatible IV Infusion Pumps Country Analysis and Revenue Outlook to 2030

The report analyses 22 countries worldwide including the key driving forces and market size outlook from 2021 to 2030. In addition, region analysis across Asia Pacific, Europe, the Middle East, Africa, North America, and South America is included in the study. For each of the six regions, the market size outlook by segments is forecast for 2030.

## North America MRI Compatible IV Infusion Pumps Market Size Outlook- Companies plan for focused investments in a changing environment

The US continues to remain the market leader in North America, driven by a large consumer base, the presence of well-established providers, and a strong end-user industry demand. Leading companies focus on new product launches in the changing environment. The US economy is expected to grow in 2024 (around 2.2% growth in 2024), potentially driving demand for various MRI Compatible IV Infusion Pumps market segments. Similarly, Strong end-user demand is encouraging Canadian MRI Compatible IV Infusion Pumps companies to invest in niche segments. Further, as Mexico continues to strengthen its trade relations and invest in technological advancements, the Mexico MRI Compatible IV Infusion Pumps market is expected to experience significant expansion, offering lucrative opportunities for both domestic and international stakeholders.

## Europe MRI Compatible IV Infusion Pumps Market Size Outlook-Companies investing in assessing consumers, categories, competitors, and capabilities

The German industry remains the major market for companies in the European MRI Compatible IV Infusion Pumps industry with consumers in Germany, France, the UK, Spain, Italy, and others anticipated to register a steady demand throughout the forecast period, driving the overall market prospects. In addition, the proactive approach of businesses in identifying and leveraging new growth prospects positions the European MRI Compatible IV Infusion Pumps market for an upward trajectory, fostering both domestic and international interest. Leading brands operating in the industry are emphasizing effective marketing strategies, innovative product offerings, and a keen understanding of consumer preferences.

## Asia Pacific MRI Compatible IV Infusion Pumps Market Size Outlook- an attractive hub for opportunities for both local and global companies

The increasing prevalence of indications, robust healthcare expenditure, and increasing investments in healthcare infrastructure drive the demand for MRI Compatible IV Infusion Pumps in Asia Pacific. In particular, China, India, and South East Asian MRI Compatible IV Infusion Pumps markets present a compelling outlook for 2030, acting as a magnet for both domestic and multinational manufacturers seeking growth opportunities. Similarly, with a burgeoning population and a rising middle class, India offers a vast consumer market. Japanese and Korean companies are quickly aligning

their strategies to navigate changes, explore new markets, and enhance their competitive edge. Our report utilizes in-depth interviews with industry experts and comprehensive data analysis to provide a comprehensive outlook of 6 major markets in the region.

#### Latin America MRI Compatible IV Infusion Pumps Market Size Outlook- Continued urbanization and rising income levels

Rising income levels contribute to greater purchasing power among consumers, spurring consumption and creating opportunities for market expansion. Continued urbanization and rising income levels are expected to sustainably drive consumption growth in the medium to long term.

#### Middle East and Africa MRI Compatible IV Infusion Pumps Market Size Outlook- continues its upward trajectory across segments

Robust demand from Middle Eastern countries including Saudi Arabia, the UAE, Qatar, Kuwait, and other GCC countries supports the overall Middle East MRI Compatible IV Infusion Pumps market potential. Fueled by increasing healthcare expenditure of individuals, growing population, and high prevalence across a few markets drives the demand for MRI Compatible IV Infusion Pumps.

#### MRI Compatible IV Infusion Pumps Market Company Profiles

The global MRI Compatible IV Infusion Pumps market is characterized by intense competitive conditions with leading companies opting for aggressive marketing to gain market shares. The report presents business descriptions, SWOT analysis, growth strategies, and financial profiles. Leading companies included in the study are ADOX SA, Arcomed AG, B. Braun SE, Baxter International Inc, Becton Dickinson and Co., Beijing KellyMed Co. Ltd, CODAN ARGUS AG, Digicare Biomedical Technology Inc, Eitan Medical Ltd, Flowonix Medical Inc, Fresenius SE & Co. KGaA, ICU Medical Inc, IRadimed Corp, Medtronic Plc, Nipro Pharma Packaging International NV, Shenzhen Mindray BioMedical Electronics Co. Ltd, Terumo Europe NV, vTitan Corp Pvt Ltd, Zyno Medical.

#### Recent MRI Compatible IV Infusion Pumps Market Developments

The global MRI Compatible IV Infusion Pumps market study presents recent market news and developments including new product launches, mergers, acquisitions,

expansions, product approvals, and other updates in the industry.

MRI Compatible IV Infusion Pumps Market Report Scope

Parameters: Revenue, Volume Price

Study Period: 2023 (Base Year); 2018- 2023 (Historic Period); 2024- 2030 (Forecast Period)

Currency: USD; (Upon request, can be provided in Euro, JPY, GBP, and other Local Currency)

Qualitative Analysis

Pricing Analysis

Value Chain Analysis

SWOT Profile

Market Dynamics- Trends, Drivers, Challenges

Porter's Five Forces Analysis

Macroeconomic Impact Analysis

Case Scenarios- Low, Base, High

Market Segmentation:

By Type

Stationary 3D and 4D Ultrasound Devices

Portable 3D and 4D Ultrasound Devices

By Display

Color Ultrasound

B/W Ultrasound

By Portability

Trolley or Cart-Based Ultrasound Systems

Compact/Handheld Ultrasound Systems

Point-of-Pare (PoC) Ultrasound Systems

By Application

Radiology or General Imaging

Obstetrics or Gynecology

Cardiology

Urology

Vascular

Orthopedic and Musculoskeletal

Pain Management

Others

By End-User

Hospitals

Surgical Centers and Diagnostic Centers

Maternity Centers

Ambulatory Care Centers

Research and Academia

Others

Geographical Segmentation:

North America (3 markets)

Europe (6 markets)

Asia Pacific (6 markets)

Latin America (3 markets)

Middle East Africa (5 markets)

Companies

ADOX SA

Arcomed AG

B. Braun SE

Baxter International Inc

Becton Dickinson and Co.

Beijing KellyMed Co. Ltd

CODAN ARGUS AG

Digicare Biomedical Technology Inc

Eitan Medical Ltd

Flowonix Medical Inc



Fresenius SE & Co. KGaA

ICU Medical Inc

IRadimed Corp

Medtronic Plc

Nipro Pharma Packaging International NV

Shenzhen Mindray BioMedical Electronics Co. Ltd

Terumo Europe NV

vTitan Corp Pvt Ltd

Zyno Medical

Formats Available: Excel, PDF, and PPT

## Contents

### **1. EXECUTIVE SUMMARY**

- 1.1 MRI Compatible IV Infusion Pumps Market Overview and Key Findings, 2024
- 1.2 MRI Compatible IV Infusion Pumps Market Size and Growth Outlook, 2021- 2030
- 1.3 MRI Compatible IV Infusion Pumps Market Growth Opportunities to 2030
- 1.4 Key MRI Compatible IV Infusion Pumps Market Trends and Challenges
  - 1.4.1 MRI Compatible IV Infusion Pumps Market Drivers and Trends
  - 1.4.2 MRI Compatible IV Infusion Pumps Market Challenges
- 1.5 Competitive Landscape and Key Players
- 1.6 Competitive Analysis- Growth Strategies Adopted by Leading MRI Compatible IV Infusion Pumps Companies

### **2. MRI COMPATIBLE IV INFUSION PUMPS MARKET SIZE OUTLOOK TO 2030**

- 2.1 MRI Compatible IV Infusion Pumps Market Size Outlook, USD Million, 2021- 2030
- 2.2 MRI Compatible IV Infusion Pumps Incremental Market Growth Outlook, %, 2021-2030
- 2.3 Segment Snapshot, 2024

### **3. MRI COMPATIBLE IV INFUSION PUMPS MARKET- STRATEGIC ANALYSIS REVIEW**

- 3.1 Porter's Five Forces Analysis
  - \* Threat of New Entrants
  - \* Threat of Substitutes
  - \* Intensity of Competitive Rivalry
  - \* Bargaining Power of Buyers
  - \* Bargaining Power of Suppliers
- 3.2 Value Chain Analysis
- 3.3 SWOT Analysis

### **4. MRI COMPATIBLE IV INFUSION PUMPS MARKET SEGMENTATION ANALYSIS AND OUTLOOK**

- 4.1 Market Segmentation and Scope
- 4.2 Market Breakdown by Type, Application, and Other Segments, 2021-2030
  - By Type

Stationary 3D and 4D Ultrasound Devices  
Portable 3D and 4D Ultrasound Devices  
By Display  
Color Ultrasound  
B/W Ultrasound  
By Portability  
Trolley or Cart-Based Ultrasound Systems  
Compact/Handheld Ultrasound Systems  
Point-of-Pare (PoC) Ultrasound Systems  
By Application  
Radiology or General Imaging  
Obstetrics or Gynecology  
Cardiology  
Urology  
Vascular  
Orthopedic and Musculoskeletal  
Pain Management  
Others  
By End-User  
Hospitals  
Surgical Centers and Diagnostic Centers  
Maternity Centers  
Ambulatory Care Centers  
Research and Academia  
Others  
4.3 Growth Prospects and Niche Opportunities, 2023- 2030  
4.4 Regional comparison of Market Growth, CAGR, 2023-2030

## **5. REGION-WISE MARKET OUTLOOK TO 2030**

5.1 Key Findings for Asia Pacific MRI Compatible IV Infusion Pumps Market, 2025  
5.2 Asia Pacific MRI Compatible IV Infusion Pumps Market Size Outlook by Type, 2021-2030  
5.3 Asia Pacific MRI Compatible IV Infusion Pumps Market Size Outlook by Application, 2021- 2030  
5.4 Key Findings for Europe MRI Compatible IV Infusion Pumps Market, 2025  
5.5 Europe MRI Compatible IV Infusion Pumps Market Size Outlook by Type, 2021-2030  
5.6 Europe MRI Compatible IV Infusion Pumps Market Size Outlook by Application,

2021- 2030

5.7 Key Findings for North America MRI Compatible IV Infusion Pumps Market, 2025

5.8 North America MRI Compatible IV Infusion Pumps Market Size Outlook by Type, 2021- 2030

5.9 North America MRI Compatible IV Infusion Pumps Market Size Outlook by Application, 2021- 2030

5.10 Key Findings for South America MRI Compatible IV Infusion Pumps Market, 2025

5.11 South America Pacific MRI Compatible IV Infusion Pumps Market Size Outlook by Type, 2021- 2030

5.12 South America MRI Compatible IV Infusion Pumps Market Size Outlook by Application, 2021- 2030

5.13 Key Findings for Middle East and Africa MRI Compatible IV Infusion Pumps Market, 2025

5.14 Middle East Africa MRI Compatible IV Infusion Pumps Market Size Outlook by Type, 2021- 2030

5.15 Middle East Africa MRI Compatible IV Infusion Pumps Market Size Outlook by Application, 2021- 2030

## **6. COUNTRY-WISE MARKET SIZE OUTLOOK TO 2030**

6.1 US MRI Compatible IV Infusion Pumps Market Size Outlook and Revenue Growth Forecasts

6.2 US MRI Compatible IV Infusion Pumps Industry Drivers and Opportunities

6.3 Canada Market Size Outlook and Revenue Growth Forecasts

6.4 Canada MRI Compatible IV Infusion Pumps Industry Drivers and Opportunities

6.6 Mexico Market Size Outlook and Revenue Growth Forecasts

6.6 Mexico MRI Compatible IV Infusion Pumps Industry Drivers and Opportunities

6.7 Germany Market Size Outlook and Revenue Growth Forecasts

6.8 Germany MRI Compatible IV Infusion Pumps Industry Drivers and Opportunities

6.9 France Market Size Outlook and Revenue Growth Forecasts

6.10 France MRI Compatible IV Infusion Pumps Industry Drivers and Opportunities

6.11 UK Market Size Outlook and Revenue Growth Forecasts

6.12 UK MRI Compatible IV Infusion Pumps Industry Drivers and Opportunities

6.13 Spain Market Size Outlook and Revenue Growth Forecasts

6.14 Spain MRI Compatible IV Infusion Pumps Industry Drivers and Opportunities

6.16 Italy Market Size Outlook and Revenue Growth Forecasts

6.16 Italy MRI Compatible IV Infusion Pumps Industry Drivers and Opportunities

6.17 Rest of Europe Market Size Outlook and Revenue Growth Forecasts

6.18 Rest of Europe MRI Compatible IV Infusion Pumps Industry Drivers and

## Opportunities

- 6.19 China Market Size Outlook and Revenue Growth Forecasts
- 6.20 China MRI Compatible IV Infusion Pumps Industry Drivers and Opportunities
- 6.21 India Market Size Outlook and Revenue Growth Forecasts
- 6.22 India MRI Compatible IV Infusion Pumps Industry Drivers and Opportunities
- 6.23 Japan Market Size Outlook and Revenue Growth Forecasts
- 6.24 Japan MRI Compatible IV Infusion Pumps Industry Drivers and Opportunities
- 6.26 South Korea Market Size Outlook and Revenue Growth Forecasts
- 6.26 South Korea MRI Compatible IV Infusion Pumps Industry Drivers and Opportunities
- 6.27 Australia Market Size Outlook and Revenue Growth Forecasts
- 6.28 Australia MRI Compatible IV Infusion Pumps Industry Drivers and Opportunities
- 6.29 South East Asia Market Size Outlook and Revenue Growth Forecasts
- 6.30 South East Asia MRI Compatible IV Infusion Pumps Industry Drivers and Opportunities
- 6.31 Rest of Asia Pacific Market Size Outlook and Revenue Growth Forecasts
- 6.32 Rest of Asia Pacific MRI Compatible IV Infusion Pumps Industry Drivers and Opportunities
- 6.33 Brazil Market Size Outlook and Revenue Growth Forecasts
- 6.34 Brazil MRI Compatible IV Infusion Pumps Industry Drivers and Opportunities
- 6.36 Argentina Market Size Outlook and Revenue Growth Forecasts
- 6.36 Argentina MRI Compatible IV Infusion Pumps Industry Drivers and Opportunities
- 6.37 Rest of South America Market Size Outlook and Revenue Growth Forecasts
- 6.38 Rest of South America MRI Compatible IV Infusion Pumps Industry Drivers and Opportunities
- 6.39 Middle East Market Size Outlook and Revenue Growth Forecasts
- 6.40 Middle East MRI Compatible IV Infusion Pumps Industry Drivers and Opportunities
- 6.41 Africa Market Size Outlook and Revenue Growth Forecasts
- 6.42 Africa MRI Compatible IV Infusion Pumps Industry Drivers and Opportunities

## **7. MRI COMPATIBLE IV INFUSION PUMPS MARKET OUTLOOK ACROSS SCENARIOS**

- 7.1 Low Growth Case
- 7.2 Reference Growth Case
- 7.3 High Growth Case

## **8. MRI COMPATIBLE IV INFUSION PUMPS COMPANY PROFILES**

8.1 Profiles of Leading MRI Compatible IV Infusion Pumps Companies in the Market

8.2 Business Descriptions, SWOT Analysis, and Growth Strategies

8.3 Financial Performance and Key Metrics

ADOX SA

Arcomed AG

B. Braun SE

Baxter International Inc

Becton Dickinson and Co.

Beijing KellyMed Co. Ltd

CODAN ARGUS AG

Digicare Biomedical Technology Inc

Eitan Medical Ltd

Flowonix Medical Inc

Fresenius SE & Co. KGaA

ICU Medical Inc

IRadimed Corp

Medtronic Plc

Nipro Pharma Packaging International NV

Shenzhen Mindray BioMedical Electronics Co. Ltd

Terumo Europe NV

vTitan Corp Pvt Ltd

Zyno Medical

## **9. APPENDIX**

9.1 Scope of the Report

9.2 Research Methodology and Data Sources

9.3 Glossary of Terms

9.4 Market Definitions

9.5 Contact Information

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