

Global PET/MRI System Supply, Demand and Key Producers, 2026-2032

<https://marketpublishers.com/r/G3141C72BACEEN.html>

Date: January 2026

Pages: 88

Price: US\$ 4,480.00 (Single User License)

ID: G3141C72BACEEN

Abstracts

The global PET/MRI System market size is expected to reach \$ 317 million by 2032, rising at a market growth of 8.4% CAGR during the forecast period (2026-2032).

PET-MRI is a hybrid imaging technology that incorporates magnetic resonance imaging (MRI) soft tissue morphological imaging and positron emission tomography (PET) functional imaging. Positron emission tomography/computed tomography (PET/CT) is now established as the imaging modality of choice in many clinical conditions, particularly in oncology. While the initial development of combined PET/magnetic resonance imaging (PET/MRI) was in the preclinical arena, hybrid PET/MR scanners are now available for clinical use. PET/MRI combines the unique features of MRI including excellent soft tissue contrast, diffusion-weighted imaging, dynamic contrast-enhanced imaging.

Global PET/MRI System key players include Siemens, Philips, GE Healthcare, etc. Global top three manufacturers hold a share about 99%. Europe is the largest market, with a share about 90%, followed by North America, with a share about 10 percent. In terms of product, Fully Integrated is the largest segment, with a share about 80%. And in terms of application, the largest application is Oncology, followed by Cardiology, Neurology, etc.

This report studies the global PET/MRI System production, demand, key manufacturers, and key regions.

This report is a detailed and comprehensive analysis of the world market for PET/MRI System and provides market size (US\$ million) and Year-over-Year (YoY) Growth, considering 2025 as the base year. This report explores demand trends and

competition, as well as details the characteristics of PET/MRI System that contribute to its increasing demand across many markets.

Highlights and key features of the study

Global PET/MRI System total production and demand, 2021-2032, (Units)

Global PET/MRI System total production value, 2021-2032, (USD Million)

Global PET/MRI System production by region & country, production, value, CAGR, 2021-2032, (USD Million) & (Units), (based on production site)

Global PET/MRI System consumption by region & country, CAGR, 2021-2032 & (Units)

U.S. VS China: PET/MRI System domestic production, consumption, key domestic manufacturers and share

Global PET/MRI System production by manufacturer, production, price, value and market share 2021-2026, (USD Million) & (Units)

Global PET/MRI System production by Type, production, value, CAGR, 2021-2032, (USD Million) & (Units)

Global PET/MRI System production by Application, production, value, CAGR, 2021-2032, (USD Million) & (Units)

This report profiles key players in the global PET/MRI System market based on the following parameters - company overview, production, value, price, gross margin, product portfolio, geographical presence, and key developments. Key companies covered as a part of this study include Siemens, Philips, GE Healthcare, etc.

This report also provides key insights about market drivers, restraints, opportunities, new product launches or approvals.

Stakeholders would have ease in decision-making through various strategy matrices used in analyzing the World PET/MRI System market

Detailed Segmentation:

Each section contains quantitative market data including market by value (US\$ Millions), volume (production, consumption) & (Units) and average price (USD/Unit) by manufacturer, by Type, and by Application. Data is given for the years 2021-2032 by year with 2025 as the base year, 2026 as the estimate year, and 2027-2032 as the forecast year.

Global PET/MRI System Market, By Region:

United States

China

Europe

Japan

South Korea

ASEAN

India

Rest of World

Global PET/MRI System Market, Segmentation by Type:

Fully Integrated

Separate Devices

Pulse Oximetry Screening

Global PET/MRI System Market, Segmentation by Application:

Oncology

Cardiology

Neurology

Other

Companies Profiled:

Siemens

Philips

GE Healthcare

Key Questions Answered:

1. How big is the global PET/MRI System market?
2. What is the demand of the global PET/MRI System market?
3. What is the year over year growth of the global PET/MRI System market?
4. What is the production and production value of the global PET/MRI System market?
5. Who are the key producers in the global PET/MRI System market?
6. What are the growth factors driving the market demand?

Contents

1 SUPPLY SUMMARY

- 1.1 PET/MRI System Introduction
- 1.2 World PET/MRI System Supply & Forecast
 - 1.2.1 World PET/MRI System Production Value (2021 & 2025 & 2032)
 - 1.2.2 World PET/MRI System Production (2021-2032)
 - 1.2.3 World PET/MRI System Pricing Trends (2021-2032)
- 1.3 World PET/MRI System Production by Region (Based on Production Site)
 - 1.3.1 World PET/MRI System Production Value by Region (2021-2032)
 - 1.3.2 World PET/MRI System Production by Region (2021-2032)
 - 1.3.3 World PET/MRI System Average Price by Region (2021-2032)
 - 1.3.4 North America PET/MRI System Production (2021-2032)
 - 1.3.5 Europe PET/MRI System Production (2021-2032)
- 1.4 Market Drivers, Restraints and Trends
 - 1.4.1 PET/MRI System Market Drivers
 - 1.4.2 Factors Affecting Demand
 - 1.4.3 PET/MRI System Major Market Trends

2 DEMAND SUMMARY

- 2.1 World PET/MRI System Demand (2021-2032)
- 2.2 World PET/MRI System Consumption by Region
 - 2.2.1 World PET/MRI System Consumption by Region (2021-2026)
 - 2.2.2 World PET/MRI System Consumption Forecast by Region (2027-2032)
- 2.3 United States PET/MRI System Consumption (2021-2032)
- 2.4 China PET/MRI System Consumption (2021-2032)
- 2.5 Europe PET/MRI System Consumption (2021-2032)
- 2.6 Japan PET/MRI System Consumption (2021-2032)
- 2.7 South Korea PET/MRI System Consumption (2021-2032)
- 2.8 ASEAN PET/MRI System Consumption (2021-2032)
- 2.9 India PET/MRI System Consumption (2021-2032)

3 WORLD MANUFACTURERS COMPETITIVE ANALYSIS

- 3.1 World PET/MRI System Production Value by Manufacturer (2021-2026)
- 3.2 World PET/MRI System Production by Manufacturer (2021-2026)
- 3.3 World PET/MRI System Average Price by Manufacturer (2021-2026)

- 3.4 PET/MRI System Company Evaluation Quadrant
- 3.5 Industry Rank and Concentration Rate (CR)
 - 3.5.1 Global PET/MRI System Industry Rank of Major Manufacturers
 - 3.5.2 Global Concentration Ratios (CR4) for PET/MRI System in 2025
 - 3.5.3 Global Concentration Ratios (CR8) for PET/MRI System in 2025
- 3.6 PET/MRI System Market: Overall Company Footprint Analysis
 - 3.6.1 PET/MRI System Market: Region Footprint
 - 3.6.2 PET/MRI System Market: Company Product Type Footprint
 - 3.6.3 PET/MRI System Market: Company Product Application Footprint
- 3.7 Competitive Environment
 - 3.7.1 Historical Structure of the Industry
 - 3.7.2 Barriers of Market Entry
 - 3.7.3 Factors of Competition
- 3.8 New Entrant and Capacity Expansion Plans
- 3.9 Mergers, Acquisition, Agreements, and Collaborations

4 UNITED STATES VS CHINA VS REST OF THE WORLD

- 4.1 United States VS China: PET/MRI System Production Value Comparison
 - 4.1.1 United States VS China: PET/MRI System Production Value Comparison (2021 & 2025 & 2032)
 - 4.1.2 United States VS China: PET/MRI System Production Value Market Share Comparison (2021 & 2025 & 2032)
- 4.2 United States VS China: PET/MRI System Production Comparison
 - 4.2.1 United States VS China: PET/MRI System Production Comparison (2021 & 2025 & 2032)
 - 4.2.2 United States VS China: PET/MRI System Production Market Share Comparison (2021 & 2025 & 2032)
- 4.3 United States VS China: PET/MRI System Consumption Comparison
 - 4.3.1 United States VS China: PET/MRI System Consumption Comparison (2021 & 2025 & 2032)
 - 4.3.2 United States VS China: PET/MRI System Consumption Market Share Comparison (2021 & 2025 & 2032)
- 4.4 United States Based PET/MRI System Manufacturers and Market Share, 2021-2026
 - 4.4.1 United States Based PET/MRI System Manufacturers, Headquarters and Production Site (States, Country)
 - 4.4.2 United States Based Manufacturers PET/MRI System Production Value (2021-2026)
 - 4.4.3 United States Based Manufacturers PET/MRI System Production (2021-2026)

4.5 China Based PET/MRI System Manufacturers and Market Share

4.5.1 China Based PET/MRI System Manufacturers, Headquarters and Production Site (Province, Country)

4.5.2 China Based Manufacturers PET/MRI System Production Value (2021-2026)

4.5.3 China Based Manufacturers PET/MRI System Production (2021-2026)

4.6 Rest of World Based PET/MRI System Manufacturers and Market Share, 2021-2026

4.6.1 Rest of World Based PET/MRI System Manufacturers, Headquarters and Production Site (State, Country)

4.6.2 Rest of World Based Manufacturers PET/MRI System Production Value (2021-2026)

4.6.3 Rest of World Based Manufacturers PET/MRI System Production (2021-2026)

5 MARKET ANALYSIS BY TYPE

5.1 World PET/MRI System Market Size Overview by Type: 2021 VS 2025 VS 2032

5.2 Segment Introduction by Type

5.2.1 Fully Integrated

5.2.2 Separate Devices

5.2.3 Pulse Oximetry Screening

5.3 Market Segment by Type

5.3.1 World PET/MRI System Production by Type (2021-2032)

5.3.2 World PET/MRI System Production Value by Type (2021-2032)

5.3.3 World PET/MRI System Average Price by Type (2021-2032)

6 MARKET ANALYSIS BY APPLICATION

6.1 World PET/MRI System Market Size Overview by Application: 2021 VS 2025 VS 2032

6.2 Segment Introduction by Application

6.2.1 Oncology

6.2.2 Cardiology

6.2.3 Neurology

6.2.4 Other

6.3 Market Segment by Application

6.3.1 World PET/MRI System Production by Application (2021-2032)

6.3.2 World PET/MRI System Production Value by Application (2021-2032)

6.3.3 World PET/MRI System Average Price by Application (2021-2032)

7 COMPANY PROFILES

7.1 Siemens

7.1.1 Siemens Details

7.1.2 Siemens Major Business

7.1.3 Siemens PET/MRI System Product and Services

7.1.4 Siemens PET/MRI System Production, Price, Value, Gross Margin and Market Share (2021-2026)

7.1.5 Siemens Recent Developments/Updates

7.1.6 Siemens Competitive Strengths & Weaknesses

7.2 Philips

7.2.1 Philips Details

7.2.2 Philips Major Business

7.2.3 Philips PET/MRI System Product and Services

7.2.4 Philips PET/MRI System Production, Price, Value, Gross Margin and Market Share (2021-2026)

7.2.5 Philips Recent Developments/Updates

7.2.6 Philips Competitive Strengths & Weaknesses

7.3 GE Healthcare

7.3.1 GE Healthcare Details

7.3.2 GE Healthcare Major Business

7.3.3 GE Healthcare PET/MRI System Product and Services

7.3.4 GE Healthcare PET/MRI System Production, Price, Value, Gross Margin and Market Share (2021-2026)

7.3.5 GE Healthcare Recent Developments/Updates

7.3.6 GE Healthcare Competitive Strengths & Weaknesses

8 INDUSTRY CHAIN ANALYSIS

8.1 PET/MRI System Industry Chain

8.2 PET/MRI System Upstream Analysis

8.2.1 PET/MRI System Core Raw Materials

8.2.2 Main Manufacturers of PET/MRI System Core Raw Materials

8.3 Midstream Analysis

8.4 Downstream Analysis

8.5 PET/MRI System Production Mode

8.6 PET/MRI System Procurement Model

8.7 PET/MRI System Industry Sales Model and Sales Channels

8.7.1 PET/MRI System Sales Model

8.7.2 PET/MRI System Typical Distributors

9 RESEARCH FINDINGS AND CONCLUSION

10 APPENDIX

10.1 Methodology

10.2 Research Process and Data Source

10.3 Disclaimer

List Of Tables

LIST OF TABLES

- Table 1. World PET/MRI System Production Value by Region (2021, 2025 and 2032) & (USD Million)
- Table 2. World PET/MRI System Production Value by Region (2021-2026) & (USD Million)
- Table 3. World PET/MRI System Production Value by Region (2027-2032) & (USD Million)
- Table 4. World PET/MRI System Production Value Market Share by Region (2021-2026)
- Table 5. World PET/MRI System Production Value Market Share by Region (2027-2032)
- Table 6. World PET/MRI System Production by Region (2021-2026) & (Units)
- Table 7. World PET/MRI System Production by Region (2027-2032) & (Units)
- Table 8. World PET/MRI System Production Market Share by Region (2021-2026)
- Table 9. World PET/MRI System Production Market Share by Region (2027-2032)
- Table 10. World PET/MRI System Average Price by Region (2021-2026) & (USD/Unit)
- Table 11. World PET/MRI System Average Price by Region (2027-2032) & (USD/Unit)
- Table 12. PET/MRI System Major Market Trends
- Table 13. World PET/MRI System Consumption Growth Rate Forecast by Region (2021 & 2025 & 2032) & (Units)
- Table 14. World PET/MRI System Consumption by Region (2021-2026) & (Units)
- Table 15. World PET/MRI System Consumption Forecast by Region (2027-2032) & (Units)
- Table 16. World PET/MRI System Production Value by Manufacturer (2021-2026) & (USD Million)
- Table 17. Production Value Market Share of Key PET/MRI System Producers in 2025
- Table 18. World PET/MRI System Production by Manufacturer (2021-2026) & (Units)
- Table 19. Production Market Share of Key PET/MRI System Producers in 2025
- Table 20. World PET/MRI System Average Price by Manufacturer (2021-2026) & (USD/Unit)
- Table 21. Global PET/MRI System Company Evaluation Quadrant
- Table 22. World PET/MRI System Industry Rank of Major Manufacturers, Based on Production Value in 2025
- Table 23. Head Office and PET/MRI System Production Site of Key Manufacturer
- Table 24. PET/MRI System Market: Company Product Type Footprint
- Table 25. PET/MRI System Market: Company Product Application Footprint

Table 26. PET/MRI System Competitive Factors

Table 27. PET/MRI System New Entrant and Capacity Expansion Plans

Table 28. PET/MRI System Mergers & Acquisitions Activity

Table 29. United States VS China PET/MRI System Production Value Comparison, (2021 & 2025 & 2032) & (USD Million)

Table 30. United States VS China PET/MRI System Production Comparison, (2021 & 2025 & 2032) & (Units)

Table 31. United States VS China PET/MRI System Consumption Comparison, (2021 & 2025 & 2032) & (Units)

Table 32. United States Based PET/MRI System Manufacturers, Headquarters and Production Site (States, Country)

Table 33. United States Based Manufacturers PET/MRI System Production Value, (2021-2026) & (USD Million)

Table 34. United States Based Manufacturers PET/MRI System Production Value Market Share (2021-2026)

Table 35. United States Based Manufacturers PET/MRI System Production (2021-2026) & (Units)

Table 36. United States Based Manufacturers PET/MRI System Production Market Share (2021-2026)

Table 37. China Based PET/MRI System Manufacturers, Headquarters and Production Site (Province, Country)

Table 38. China Based Manufacturers PET/MRI System Production Value, (2021-2026) & (USD Million)

Table 39. China Based Manufacturers PET/MRI System Production Value Market Share (2021-2026)

Table 40. China Based Manufacturers PET/MRI System Production, (2021-2026) & (Units)

Table 41. China Based Manufacturers PET/MRI System Production Market Share (2021-2026)

Table 42. Rest of World Based PET/MRI System Manufacturers, Headquarters and Production Site (State, Country)

Table 43. Rest of World Based Manufacturers PET/MRI System Production Value, (2021-2026) & (USD Million)

Table 44. Rest of World Based Manufacturers PET/MRI System Production Value Market Share (2021-2026)

Table 45. Rest of World Based Manufacturers PET/MRI System Production, (2021-2026) & (Units)

Table 46. Rest of World Based Manufacturers PET/MRI System Production Market Share (2021-2026)

Table 47. World PET/MRI System Production Value by Type, (USD Million), 2021 & 2025 & 2032

Table 48. World PET/MRI System Production by Type (2021-2026) & (Units)

Table 49. World PET/MRI System Production by Type (2027-2032) & (Units)

Table 50. World PET/MRI System Production Value by Type (2021-2026) & (USD Million)

Table 51. World PET/MRI System Production Value by Type (2027-2032) & (USD Million)

Table 52. World PET/MRI System Average Price by Type (2021-2026) & (USD/Unit)

Table 53. World PET/MRI System Average Price by Type (2027-2032) & (USD/Unit)

Table 54. World PET/MRI System Production Value by Application, (USD Million), 2021 & 2025 & 2032

Table 55. World PET/MRI System Production by Application (2021-2026) & (Units)

Table 56. World PET/MRI System Production by Application (2027-2032) & (Units)

Table 57. World PET/MRI System Production Value by Application (2021-2026) & (USD Million)

Table 58. World PET/MRI System Production Value by Application (2027-2032) & (USD Million)

Table 59. World PET/MRI System Average Price by Application (2021-2026) & (USD/Unit)

Table 60. World PET/MRI System Average Price by Application (2027-2032) & (USD/Unit)

Table 61. Siemens Basic Information, Manufacturing Base and Competitors

Table 62. Siemens Major Business

Table 63. Siemens PET/MRI System Product and Services

Table 64. Siemens PET/MRI System Production (Units), Price (USD/Unit), Production Value (USD Million), Gross Margin and Market Share (2021-2026)

Table 65. Siemens Recent Developments/Updates

Table 66. Siemens Competitive Strengths & Weaknesses

Table 67. Philips Basic Information, Manufacturing Base and Competitors

Table 68. Philips Major Business

Table 69. Philips PET/MRI System Product and Services

Table 70. Philips PET/MRI System Production (Units), Price (USD/Unit), Production Value (USD Million), Gross Margin and Market Share (2021-2026)

Table 71. Philips Recent Developments/Updates

Table 72. Philips Competitive Strengths & Weaknesses

Table 73. GE Healthcare Basic Information, Manufacturing Base and Competitors

Table 74. GE Healthcare Major Business

Table 75. GE Healthcare PET/MRI System Product and Services

Table 76. GE Healthcare PET/MRI System Production (Units), Price (USD/Unit), Production Value (USD Million), Gross Margin and Market Share (2021-2026)

Table 77. GE Healthcare Recent Developments/Updates

Table 78. GE Healthcare Competitive Strengths & Weaknesses

Table 79. Global Key Players of PET/MRI System Upstream (Raw Materials)

Table 80. Global PET/MRI System Typical Customers

Table 81. PET/MRI System Typical Distributors

List Of Figures

LIST OF FIGURES

Figure 1. PET/MRI System Picture

Figure 2. World PET/MRI System Production Value: 2021 & 2025 & 2032, (USD Million)

Figure 3. World PET/MRI System Production Value and Forecast (2021-2032) & (USD Million)

Figure 4. World PET/MRI System Production (2021-2032) & (Units)

Figure 5. World PET/MRI System Average Price (2021-2032) & (USD/Unit)

Figure 6. World PET/MRI System Production Value Market Share by Region (2021-2032)

Figure 7. World PET/MRI System Production Market Share by Region (2021-2032)

Figure 8. North America PET/MRI System Production (2021-2032) & (Units)

Figure 9. Europe PET/MRI System Production (2021-2032) & (Units)

Figure 10. PET/MRI System Market Drivers

Figure 11. Factors Affecting Demand

Figure 12. World PET/MRI System Consumption (2021-2032) & (Units)

Figure 13. World PET/MRI System Consumption Market Share by Region (2021-2032)

Figure 14. United States PET/MRI System Consumption (2021-2032) & (Units)

Figure 15. China PET/MRI System Consumption (2021-2032) & (Units)

Figure 16. Europe PET/MRI System Consumption (2021-2032) & (Units)

Figure 17. Japan PET/MRI System Consumption (2021-2032) & (Units)

Figure 18. South Korea PET/MRI System Consumption (2021-2032) & (Units)

Figure 19. ASEAN PET/MRI System Consumption (2021-2032) & (Units)

Figure 20. India PET/MRI System Consumption (2021-2032) & (Units)

Figure 21. Producer Shipments of PET/MRI System by Manufacturer Revenue (\$MM) and Market Share (%): 2025

Figure 22. Global Four-firm Concentration Ratios (CR4) for PET/MRI System Markets in 2025

Figure 23. Global Four-firm Concentration Ratios (CR8) for PET/MRI System Markets in 2025

Figure 24. United States VS China: PET/MRI System Production Value Market Share Comparison (2021 & 2025 & 2032)

Figure 25. United States VS China: PET/MRI System Production Market Share Comparison (2021 & 2025 & 2032)

Figure 26. United States VS China: PET/MRI System Consumption Market Share Comparison (2021 & 2025 & 2032)

Figure 27. United States Based Manufacturers PET/MRI System Production Market

Share 2025

Figure 28. China Based Manufacturers PET/MRI System Production Market Share 2025

Figure 29. Rest of World Based Manufacturers PET/MRI System Production Market Share 2025

Figure 30. World PET/MRI System Production Value by Type, (USD Million), 2021 & 2025 & 2032

Figure 31. World PET/MRI System Production Value Market Share by Type in 2025

Figure 32. Fully Integrated

Figure 33. Separate Devices

Figure 34. Pulse Oximetry Screening

Figure 35. World PET/MRI System Production Market Share by Type (2021-2032)

Figure 36. World PET/MRI System Production Value Market Share by Type (2021-2032)

Figure 37. World PET/MRI System Average Price by Type (2021-2032) & (USD/Unit)

Figure 38. World PET/MRI System Production Value by Application, (USD Million), 2021 & 2025 & 2032

Figure 39. World PET/MRI System Production Value Market Share by Application in 2025

Figure 40. Oncology

Figure 41. Cardiology

Figure 42. Neurology

Figure 43. Other

Figure 44. World PET/MRI System Production Market Share by Application (2021-2032)

Figure 45. World PET/MRI System Production Value Market Share by Application (2021-2032)

Figure 46. World PET/MRI System Average Price by Application (2021-2032) & (USD/Unit)

Figure 47. PET/MRI System Industry Chain

Figure 48. PET/MRI System Procurement Model

Figure 49. PET/MRI System Sales Model

Figure 50. PET/MRI System Sales Channels, Direct Sales, and Distribution

Figure 51. Methodology

Figure 52. Research Process and Data Source

I would like to order

Product name: Global PET/MRI System Supply, Demand and Key Producers, 2026-2032

Product link: <https://marketpublishers.com/r/G3141C72BACEEN.html>

Price: US\$ 4,480.00 (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/G3141C72BACEEN.html>