

Medical Cyclotron Industry Research Report 2024

<https://marketpublishers.com/r/MC99C948CA01EN.html>

Date: April 2024

Pages: 124

Price: US\$ 2,950.00 (Single User License)

ID: MC99C948CA01EN

Abstracts

Medical Cyclotron is a cyclotron that is a type of compact particle accelerator used to produce quantities of radioactive isotopes called positron emitters. Stable, non-radioactive isotopes are put into the cyclotron which accelerates charged particles to high energy in a magnetic field. The stable isotopes then react with a beam to form radioactive isotopes, which are then taken from the cyclotron, transformed into positron-emitting radiopharmaceuticals (PERs) within the facility's laboratories and are delivered to nuclear medicine where they are used for imaging procedures. Cyclotrons are a clean nuclear technology and create very little radioactive waste as a result of their operation.

According to APO Research, the global Medical Cyclotron market was valued at US\$ million in 2023 and is anticipated to reach US\$ million by 2030, witnessing a CAGR of xx% during the forecast period 2024-2030.

Europe is the largest Medical Cyclotron market with about 37% market share. North America is follower, accounting for about 32% market share.

The key players are IBA, GE, Siemens, Sumitomo, ACSI, Best Medical etc. Top 3 companies occupied about 72% market share.

Report Scope

This report aims to provide a comprehensive presentation of the global market for Medical Cyclotron, with both quantitative and qualitative analysis, to help readers develop business/growth strategies, assess the market competitive situation, analyze their position in the current marketplace, and make informed business decisions regarding Medical Cyclotron.

The report will help the Medical Cyclotron manufacturers, new entrants, and industry chain related companies in this market with information on the revenues, sales volume, and average price for the overall market and the sub-segments across the different segments, by company, by Type, by Application, and by regions.

The Medical Cyclotron market size, estimations, and forecasts are provided in terms of sales volume (Units) and revenue (\$ millions), considering 2023 as the base year, with history and forecast data for the period from 2019 to 2030. This report segments the global Medical Cyclotron market comprehensively. Regional market sizes, concerning products by Type, by Application, and by players, are also provided. For a more in-depth understanding of the market, the report provides profiles of the competitive landscape, key competitors, and their respective market ranks. The report also discusses technological trends and new product developments.

Key Companies & Market Share Insights

In this section, the readers will gain an understanding of the key players competing. This report has studied the key growth strategies, such as innovative trends and developments, intensification of product portfolio, mergers and acquisitions, collaborations, new product innovation, and geographical expansion, undertaken by these participants to maintain their presence. Apart from business strategies, the study includes current developments and key financials. The readers will also get access to the data related to global revenue, price, and sales by manufacturers for the period 2019-2024. This all-inclusive report will certainly serve the clients to stay updated and make effective decisions in their businesses. Some of the prominent players reviewed in the research report include:

IBA

GE

Siemens

Sumitomo

ACSI

Best Medical

Medical Cyclotron segment by Type

Low Energy Medical Cyclotron

High Energy Medical Cyclotron Type

Medical Cyclotron segment by Application

Commercial

Academic

Medical Cyclotron Segment by Region

North America

U.S.

Canada

Europe

Germany

France

U.K.

Italy

Russia

Asia-Pacific

China

Japan

South Korea

India

Australia

China Taiwan

Indonesia

Thailand

Malaysia

Latin America

Mexico

Brazil

Argentina

Middle East & Africa

Turkey

Saudi Arabia

UAE

Key Drivers & Barriers

High-impact rendering factors and drivers have been studied in this report to aid the readers to understand the general development. Moreover, the report includes restraints and challenges that may act as stumbling blocks on the way of the players. This will assist the users to be attentive and make informed decisions related to business. Specialists have also laid their focus on the upcoming business prospects.

Reasons to Buy This Report

1. This report will help the readers to understand the competition within the industries and strategies for the competitive environment to enhance the potential profit. The report also focuses on the competitive landscape of the global Medical Cyclotron market, and introduces in detail the market share, industry ranking, competitor ecosystem, market performance, new product development, operation situation, expansion, and acquisition. etc. of the main players, which helps the readers to identify the main competitors and deeply understand the competition pattern of the market.
2. This report will help stakeholders to understand the global industry status and trends of Medical Cyclotron and provides them with information on key market drivers, restraints, challenges, and opportunities.
3. This report will help stakeholders to understand competitors better and gain more insights to strengthen their position in their businesses. The competitive landscape section includes the market share and rank (in volume and value), competitor ecosystem, new product development, expansion, and acquisition.
4. This report stays updated with novel technology integration, features, and the latest developments in the market
5. This report helps stakeholders to gain insights into which regions to target globally
6. This report helps stakeholders to gain insights into the end-user perception concerning the adoption of Medical Cyclotron.
7. This report helps stakeholders to identify some of the key players in the market and understand their valuable contribution.

Chapter Outline

Chapter 1: Research objectives, research methods, data sources, data cross-validation;

Chapter 2: Introduces the report scope of the report, executive summary of different market segments (by region, product type, application, etc), including the market size of each market segment, future development potential, and so on. It offers a high-level view of the current state of the market and its likely evolution in the short to mid-term,

and long term.

Chapter 3: Detailed analysis of Medical Cyclotron manufacturers competitive landscape, price, production and value market share, latest development plan, merger, and acquisition information, etc.

Chapter 4: Provides profiles of key players, introducing the basic situation of the main companies in the market in detail, including product production/output, value, price, gross margin, product introduction, recent development, etc.

Chapter 5: Production/output, value of Medical Cyclotron by region/country. It provides a quantitative analysis of the market size and development potential of each region in the next six years.

Chapter 6: Consumption of Medical Cyclotron in regional level and country level. It provides a quantitative analysis of the market size and development potential of each region and its main countries and introduces the market development, future development prospects, market space, and production of each country in the world.

Chapter 7: Provides the analysis of various market segments by type, covering the market size and development potential of each market segment, to help readers find the blue ocean market in different market segments.

Chapter 8: Provides the analysis of various market segments by application, covering the market size and development potential of each market segment, to help readers find the blue ocean market in different downstream markets.

Chapter 9: Analysis of industrial chain, including the upstream and downstream of the industry.

Chapter 10: Introduces the market dynamics, latest developments of the market, the driving factors and restrictive factors of the market, the challenges and risks faced by manufacturers in the industry, and the analysis of relevant policies in the industry.

Chapter 11: The main points and conclusions of the report.

Chapter 11: The main points and conclusions of the report.

Contents

1 PREFACE

- 1.1 Scope of Report
- 1.2 Reasons for Doing This Study
- 1.3 Research Methodology
- 1.4 Research Process
- 1.5 Data Source
 - 1.5.1 Secondary Sources
 - 1.5.2 Primary Sources

2 MARKET OVERVIEW

- 2.1 Product Definition
- 2.2 Global Market Growth Prospects
 - 2.2.1 Global Medical Cyclotron Market Size (2019-2030) & (US\$ Million)
 - 2.2.2 Global Medical Cyclotron Sales (2019-2030)
 - 2.2.3 Global Medical Cyclotron Market Average Price (2019-2030)
- 2.3 Medical Cyclotron by Type
 - 2.3.1 Market Value Comparison by Type (2019 VS 2023 VS 2030) & (US\$ Million)
 - 2.3.2 Low Energy Medical Cyclotron
 - 2.3.3 High Energy Medical Cyclotron Type
- 2.4 Medical Cyclotron by Application
 - 2.4.1 Market Value Comparison by Application (2019 VS 2023 VS 2030) & (US\$ Million)
 - 2.4.2 Commercial
 - 2.4.3 Academic

3 MARKET COMPETITIVE LANDSCAPE BY MANUFACTURERS

- 3.1 Global Medical Cyclotron Market Competitive Situation by Manufacturers (2019 Versus 2023)
- 3.2 Global Medical Cyclotron Sales (Units) of Manufacturers (2019-2024)
- 3.3 Global Medical Cyclotron Revenue of Manufacturers (2019-2024)
- 3.4 Global Medical Cyclotron Average Price by Manufacturers (2019-2024)
- 3.5 Global Medical Cyclotron Industry Ranking, 2022 VS 2023 VS 2024
- 3.6 Global Manufacturers of Medical Cyclotron, Manufacturing Sites & Headquarters
- 3.7 Global Manufacturers of Medical Cyclotron, Product Type & Application

- 3.8 Global Manufacturers of Medical Cyclotron, Date of Enter into This Industry
- 3.9 Global Medical Cyclotron Market CR5 and HHI
- 3.10 Global Manufacturers Mergers & Acquisition

4 MANUFACTURERS PROFILED

4.1 IBA

- 4.1.1 IBA Company Information
- 4.1.2 IBA Business Overview
- 4.1.3 IBA Medical Cyclotron Sales, Revenue and Gross Margin (2019-2024)
- 4.1.4 IBA Medical Cyclotron Product Portfolio
- 4.1.5 IBA Recent Developments

4.2 GE

- 4.2.1 GE Company Information
- 4.2.2 GE Business Overview
- 4.2.3 GE Medical Cyclotron Sales, Revenue and Gross Margin (2019-2024)
- 4.2.4 GE Medical Cyclotron Product Portfolio
- 4.2.5 GE Recent Developments

4.3 Siemens

- 4.3.1 Siemens Company Information
- 4.3.2 Siemens Business Overview
- 4.3.3 Siemens Medical Cyclotron Sales, Revenue and Gross Margin (2019-2024)
- 4.3.4 Siemens Medical Cyclotron Product Portfolio
- 4.3.5 Siemens Recent Developments

4.4 Sumitomo

- 4.4.1 Sumitomo Company Information
- 4.4.2 Sumitomo Business Overview
- 4.4.3 Sumitomo Medical Cyclotron Sales, Revenue and Gross Margin (2019-2024)
- 4.4.4 Sumitomo Medical Cyclotron Product Portfolio
- 4.4.5 Sumitomo Recent Developments

4.5 ACSI

- 4.5.1 ACSI Company Information
- 4.5.2 ACSI Business Overview
- 4.5.3 ACSI Medical Cyclotron Sales, Revenue and Gross Margin (2019-2024)
- 4.5.4 ACSI Medical Cyclotron Product Portfolio
- 4.5.5 ACSI Recent Developments

4.6 Best Medical

- 4.6.1 Best Medical Company Information
- 4.6.2 Best Medical Business Overview

- 4.6.3 Best Medical Medical Cyclotron Sales, Revenue and Gross Margin (2019-2024)
- 4.6.4 Best Medical Medical Cyclotron Product Portfolio
- 4.6.5 Best Medical Recent Developments

5 GLOBAL MEDICAL CYCLOTRON MARKET SCENARIO BY REGION

- 5.1 Global Medical Cyclotron Market Size by Region: 2019 VS 2023 VS 2030
- 5.2 Global Medical Cyclotron Sales by Region: 2019-2030
 - 5.2.1 Global Medical Cyclotron Sales by Region: 2019-2024
 - 5.2.2 Global Medical Cyclotron Sales by Region: 2025-2030
- 5.3 Global Medical Cyclotron Revenue by Region: 2019-2030
 - 5.3.1 Global Medical Cyclotron Revenue by Region: 2019-2024
 - 5.3.2 Global Medical Cyclotron Revenue by Region: 2025-2030
- 5.4 North America Medical Cyclotron Market Facts & Figures by Country
 - 5.4.1 North America Medical Cyclotron Market Size by Country: 2019 VS 2023 VS 2030
 - 5.4.2 North America Medical Cyclotron Sales by Country (2019-2030)
 - 5.4.3 North America Medical Cyclotron Revenue by Country (2019-2030)
 - 5.4.4 U.S.
 - 5.4.5 Canada
- 5.5 Europe Medical Cyclotron Market Facts & Figures by Country
 - 5.5.1 Europe Medical Cyclotron Market Size by Country: 2019 VS 2023 VS 2030
 - 5.5.2 Europe Medical Cyclotron Sales by Country (2019-2030)
 - 5.5.3 Europe Medical Cyclotron Revenue by Country (2019-2030)
 - 5.5.4 Germany
 - 5.5.5 France
 - 5.5.6 U.K.
 - 5.5.7 Italy
 - 5.5.8 Russia
- 5.6 Asia Pacific Medical Cyclotron Market Facts & Figures by Country
 - 5.6.1 Asia Pacific Medical Cyclotron Market Size by Country: 2019 VS 2023 VS 2030
 - 5.6.2 Asia Pacific Medical Cyclotron Sales by Country (2019-2030)
 - 5.6.3 Asia Pacific Medical Cyclotron Revenue by Country (2019-2030)
 - 5.6.4 China
 - 5.6.5 Japan
 - 5.6.6 South Korea
 - 5.6.7 India
 - 5.6.8 Australia
 - 5.6.9 China Taiwan

5.6.10 Indonesia

5.6.11 Thailand

5.6.12 Malaysia

5.7 Latin America Medical Cyclotron Market Facts & Figures by Country

5.7.1 Latin America Medical Cyclotron Market Size by Country: 2019 VS 2023 VS 2030

5.7.2 Latin America Medical Cyclotron Sales by Country (2019-2030)

5.7.3 Latin America Medical Cyclotron Revenue by Country (2019-2030)

5.7.4 Mexico

5.7.5 Brazil

5.7.6 Argentina

5.8 Middle East and Africa Medical Cyclotron Market Facts & Figures by Country

5.8.1 Middle East and Africa Medical Cyclotron Market Size by Country: 2019 VS 2023 VS 2030

5.8.2 Middle East and Africa Medical Cyclotron Sales by Country (2019-2030)

5.8.3 Middle East and Africa Medical Cyclotron Revenue by Country (2019-2030)

5.8.4 Turkey

5.8.5 Saudi Arabia

5.8.6 UAE

6 SEGMENT BY TYPE

6.1 Global Medical Cyclotron Sales by Type (2019-2030)

6.1.1 Global Medical Cyclotron Sales by Type (2019-2030) & (Units)

6.1.2 Global Medical Cyclotron Sales Market Share by Type (2019-2030)

6.2 Global Medical Cyclotron Revenue by Type (2019-2030)

6.2.1 Global Medical Cyclotron Sales by Type (2019-2030) & (US\$ Million)

6.2.2 Global Medical Cyclotron Revenue Market Share by Type (2019-2030)

6.3 Global Medical Cyclotron Price by Type (2019-2030)

7 SEGMENT BY APPLICATION

7.1 Global Medical Cyclotron Sales by Application (2019-2030)

7.1.1 Global Medical Cyclotron Sales by Application (2019-2030) & (Units)

7.1.2 Global Medical Cyclotron Sales Market Share by Application (2019-2030)

7.2 Global Medical Cyclotron Revenue by Application (2019-2030)

7.2.1 Global Medical Cyclotron Sales by Application (2019-2030) & (US\$ Million)

7.2.2 Global Medical Cyclotron Revenue Market Share by Application (2019-2030)

7.3 Global Medical Cyclotron Price by Application (2019-2030)

8 VALUE CHAIN AND SALES CHANNELS ANALYSIS OF THE MARKET

8.1 Medical Cyclotron Value Chain Analysis

8.1.1 Medical Cyclotron Key Raw Materials

8.1.2 Raw Materials Key Suppliers

8.1.3 Medical Cyclotron Production Mode & Process

8.2 Medical Cyclotron Sales Channels Analysis

8.2.1 Direct Comparison with Distribution Share

8.2.2 Medical Cyclotron Distributors

8.2.3 Medical Cyclotron Customers

9 GLOBAL MEDICAL CYCLOTRON ANALYZING MARKET DYNAMICS

9.1 Medical Cyclotron Industry Trends

9.2 Medical Cyclotron Industry Drivers

9.3 Medical Cyclotron Industry Opportunities and Challenges

9.4 Medical Cyclotron Industry Restraints

10 REPORT CONCLUSION

11 DISCLAIMER

I would like to order

Product name: Medical Cyclotron Industry Research Report 2024

Product link: <https://marketpublishers.com/r/MC99C948CA01EN.html>

Price: US\$ 2,950.00 (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/MC99C948CA01EN.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