

# Global and Regional Medical Cyclotron Market Research Report 2017

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## Abstracts

### Summary

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.

Market Segment as follows:

### By Region

Asia-Pacific

North America

Europe

South America

Middle East & Africa

By Type

Positive ions type

Negative ions type

By Application

Hospital

Institute

By Company

IBA

GE

Siemens

Sumitomo Heavy Industries

ACSI

Best Medical

The main contents of the report including:

Section 1: Product definition, type and application, global and regional market overview;

Section 2: Global and regional Market competition by company;

Section 3: Global and regional sales revenue, volume and price by type;

Section 4: Global and regional sales revenue, volume and price by application;

Section 5: Regional export and import;

Section 6: Company information, business overview, sales data and product specifications;

Section 7: Industry chain and raw materials;

Section 8: SWOT and Porter's Five Forces;  
Section 9: Conclusion.

## Contents

### 1 MARKET OVERVIEW

#### 1.1 Market Segment Overview

##### 1.1.1 Product Definition

##### 1.1.2 Market by Type

###### 1.1.2.1 Positive ions type

###### 1.1.2.2 Negative ions type

##### 1.1.3 Market by Application

###### 1.1.3.1 Hospital

###### 1.1.3.2 Institute

#### 1.2 Global and Regional Market Size

##### 1.2.1 Global Overview

##### 1.2.2 Market by Region

###### 1.2.2.1 Asia-Pacific

###### 1.2.2.2 North America

###### 1.2.2.3 Europe

###### 1.2.2.4 South America

###### 1.2.2.5 Middle East & Africa

### 2 GLOBAL AND REGIONAL MARKET BY COMPANY

#### 2.1 Global

##### 2.1.1 Global Sales by Company

##### 2.1.2 Global Price by Company

#### 2.2 Asia-Pacific

##### 2.2.1 Asia-Pacific Sales by Company

##### 2.2.2 Asia-Pacific Price by Company

#### 2.3 North America

##### 2.3.1 North America Sales by Company

##### 2.3.2 North America Price by Company

#### 2.4 Europe

##### 2.4.1 Europe Market Sales by Company

##### 2.4.2 Europe Price by Company

#### 2.5 South America

##### 2.5.1 South America Sales by Company

##### 2.5.2 South America Price by Company

#### 2.6 Middle East & Africa

- 2.6.1 Middle East & Africa Sales by Company
- 2.6.2 Middle East & Africa Price by Company

### **3 GLOBAL AND REGIONAL MARKET BY TYPE**

- 3.1 Global
  - 3.1.1 Global Sales by Type
  - 3.1.2 Global Price by Type
- 3.2 Asia-Pacific
  - 3.2.1 Asia-Pacific Sales by Type
  - 3.2.2 Asia-Pacific Price by Type
- 3.3 North America
  - 3.3.1 North America Sales by Type
  - 3.3.2 North America Price by Type
- 3.4 Europe
  - 3.4.1 Europe Market Sales by Type
  - 3.4.2 Europe Price by Type
- 3.5 South America
  - 3.5.1 South America Sales by Type
  - 3.5.2 South America Price by Type
- 3.6 Middle East & Africa
  - 3.6.1 Middle East & Africa Sales by Type
  - 3.6.2 Middle East & Africa Price by Type

### **4 GLOBAL AND REGIONAL MARKET BY APPLICATION**

- 4.1 Global
  - 4.1.1 Global Sales by Application
  - 4.1.2 Global Price by Application
- 4.2 Asia-Pacific
  - 4.2.1 Asia-Pacific Sales by Application
  - 4.2.2 Asia-Pacific Price by Application
- 4.3 North America
  - 4.3.1 North America Sales by Application
  - 4.3.2 North America Price by Application
- 4.4 Europe
  - 4.4.1 Europe Market Sales by Application
  - 4.4.2 Europe Price by Application
- 4.5 South America

- 4.5.1 South America Sales by Application
- 4.5.2 South America Price by Application
- 4.6 Middle East & Africa
  - 4.6.1 Middle East & Africa Sales by Application
  - 4.6.2 Middle East & Africa Price by Application

## **5 REGIONAL TRADE**

- 5.1 Export
- 5.2 Import

## **6 KEY MANUFACTURERS**

- 6.1 IBA
  - 6.1.2 Company Information
  - 6.1.2 Product Specifications
  - 6.1.3 Business Data (Capacity, Sales Revenue, Volume, Price, Cost and Margin)
- 6.2 GE
  - 6.2.1 Company Information
  - 6.2.2 Product Specifications
  - 6.2.3 Business Data (Capacity, Sales Revenue, Volume, Price, Cost and Margin)
- 6.3 Siemens
  - 6.3.1 Company Information
  - 6.3.2 Product Specifications
  - 6.3.3 Business Data (Capacity, Sales Revenue, Volume, Price, Cost and Margin)
- 6.4 Sumitomo Heavy Industries
  - 6.4.1 Company Information
  - 6.4.2 Product Specifications
  - 6.4.3 Business Data (Capacity, Sales Revenue, Volume, Price, Cost and Margin)
- 6.5 ACSI
  - 6.5.1 Company Information
  - 6.5.2 Product Specifications
  - 6.5.3 Business Data (Capacity, Sales Revenue, Volume, Price, Cost and Margin)
- 6.6 Best Medical
  - 6.6.1 Company Information
  - 6.6.2 Product Specifications
  - 6.6.3 Business Data (Capacity, Sales Revenue, Volume, Price, Cost and Margin)

## **7 INDUSTRY UPSTREAM**

7.1 Industry Chain

7.2 Raw Materials

## **8 MARKET ENVIRONMENT**

8.1 SWOT

8.2 Porter's Five Forces

## **9 CONCLUSION**

## List Of Tables

### LIST OF TABLES

Table GLOBAL MARKET SALES REVENUE BY COMPANY 2011-2017
Table Global Market Sales Revenue Share by Company 2011-2017
Table Global Market Sales Volume by Company 2011-2017
Table Global Market Sales Volume Share by Company 2011-2017
Table Global Price by Company 2011-2017
Table Asia-Pacific Market Sales Revenue by Company 2011-2017
Table Asia-Pacific Market Sales Revenue Share by Company 2011-2017
Table Asia-Pacific Market Sales Volume by Company 2011-2017
Table Asia-Pacific Market Sales Volume Share by Company 2011-2017
Table Asia-Pacific Price by Company 2011-2017
Table North America Market Sales Revenue by Company 2011-2017
Table North America Market Sales Revenue Share by Company 2011-2017
Table North America Market Sales Volume by Company 2011-2017
Table North America Market Sales Volume Share by Company 2011-2017
Table North America Price by Company 2011-2017
Table Europe Market Sales Revenue by Company 2011-2017
Table Europe Market Sales Revenue Share by Company 2011-2017
Table Europe Market Sales Volume by Company 2011-2017
Table Europe Market Sales Volume Share by Company 2011-2017
Table Europe Price by Company 2011-2017
Table South America Market Sales Revenue by Company 2011-2017
Table South America Market Sales Revenue Share by Company 2011-2017
Table South America Market Sales Volume by Company 2011-2017
Table South America Market Sales Volume Share by Company 2011-2017
Table South America Price by Company 2011-2017
Table Middle East & Africa Market Sales Revenue by Company 2011-2017
Table Middle East & Africa Market Sales Revenue Share by Company 2011-2017
Table Middle East & Africa Market Sales Volume by Company 2011-2017
Table Middle East & Africa Market Sales Volume Share by Company 2011-2017
Table Middle East & Africa Price by Company 2011-2017
Table Global Market Sales Revenue by Type 2011-2017
Table Global Market Sales Revenue Share by Type 2011-2017
Table Global Market Sales Volume by Type 2011-2017
Table Global Market Sales Volume Share by Type 2011-2017
Table Global Price by Type 2011-2017



Table Asia-Pacific Market Sales Revenue by Type 2011-2017  
Table Asia-Pacific Market Sales Revenue Share by Type 2011-2017  
Table Asia-Pacific Market Sales Volume by Type 2011-2017  
Table Asia-Pacific Market Sales Volume Share by Type 2011-2017  
Table Asia-Pacific Price by Type 2011-2017  
Table North America Market Sales Revenue by Type 2011-2017  
Table North America Market Sales Revenue Share by Type 2011-2017  
Table North America Market Sales Volume by Type 2011-2017  
Table North America Market Sales Volume Share by Type 2011-2017  
Table North America Price by Type 2011-2017  
Table Europe Market Sales Revenue by Type 2011-2017  
Table Europe Market Sales Revenue Share by Type 2011-2017  
Table Europe Market Sales Volume by Type 2011-2017  
Table Europe Market Sales Volume Share by Type 2011-2017  
Table Europe Price by Type 2011-2017  
Table South America Market Sales Revenue by Type 2011-2017  
Table South America Market Sales Revenue Share by Type 2011-2017  
Table South America Market Sales Volume by Type 2011-2017  
Table South America Market Sales Volume Share by Type 2011-2017  
Table South America Price by Type 2011-2017  
Table Middle East & Africa Market Sales Revenue by Type 2011-2017  
Table Middle East & Africa Market Sales Revenue Share by Type 2011-2017  
Table Middle East & Africa Market Sales Volume by Type 2011-2017  
Table Middle East & Africa Market Sales Volume Share by Type 2011-2017  
Table Middle East & Africa Price by Type 2011-2017  
Table Global Market Sales Revenue by Application 2011-2017  
Table Global Market Sales Revenue Share by Application 2011-2017  
Table Global Market Sales Volume by Application 2011-2017  
Table Global Market Sales Volume Share by Application 2011-2017  
Table Global Price by Application 2011-2017  
Table Asia-Pacific Market Sales Revenue by Application 2011-2017  
Table Asia-Pacific Market Sales Revenue Share by Application 2011-2017  
Table Asia-Pacific Market Sales Volume by Application 2011-2017  
Table Asia-Pacific Market Sales Volume Share by Application 2011-2017  
Table Asia-Pacific Price by Application 2011-2017  
Table North America Market Sales Revenue by Application 2011-2017  
Table North America Market Sales Revenue Share by Application 2011-2017  
Table North America Market Sales Volume by Application 2011-2017  
Table North America Market Sales Volume Share by Application 2011-2017

Table North America Price by Application 2011-2017

Table Europe Market Sales Revenue by Application 2011-2017

Table Europe Market Sales Revenue Share by Application 2011-2017

Table Europe Market Sales Volume by Application 2011-2017

Table Europe Market Sales Volume Share by Application 2011-2017

Table Europe Price by Application 2011-2017

Table South America Market Sales Revenue by Application 2011-2017

Table South America Market Sales Revenue Share by Application 2011-2017

Table South America Market Sales Volume by Application 2011-2017

Table South America Market Sales Volume Share by Application 2011-2017

Table South America Price by Application 2011-2017

Table Middle East & Africa Market Sales Revenue by Application 2011-2017

Table Middle East & Africa Market Sales Revenue Share by Application 2011-2017

Table Middle East & Africa Market Sales Volume by Application 2011-2017

Table Middle East & Africa Market Sales Volume Share by Application 2011-2017

Table Middle East & Africa Price by Application 2011-2017

Table Regional Export 2011-2017 (Value)

Table Regional Export 2011-2017 (Volume)

Table Regional Import 2011-2017 (Value)

Table Regional Import 2011-2017 (Volume)

Table Sales Revenue, Volume, Price, Cost and Margin of IBA

Table Sales Revenue, Volume, Price, Cost and Margin of GE

Table Sales Revenue, Volume, Price, Cost and Margin of Siemens

Table Sales Revenue, Volume, Price, Cost and Margin of Sumitomo Heavy Industries

Table Sales Revenue, Volume, Price, Cost and Margin of ACSI

Table Sales Revenue, Volume, Price, Cost and Margin of Best Medical

## List Of Figures

### LIST OF FIGURES

- Figure Positive ions type Market Size and CAGR 2011-2017 (Value)
- Figure Positive ions type Market Size and CAGR 2011-2017 (Volume)
- Figure Positive ions type Market Forecast and CAGR 2018-2025 (Value)
- Figure Positive ions type Market Forecast and CAGR 2018-2025 (Volume)
- Figure Negative ions type Market Size and CAGR 2011-2017 (Value)
- Figure Negative ions type Market Size and CAGR 2011-2017 (Volume)
- Figure Negative ions type Market Forecast and CAGR 2018-2025 (Value)
- Figure Negative ions type Market Forecast and CAGR 2018-2025 (Volume)
- Figure Hospital Market Size and CAGR 2011-2017 (Value)
- Figure Hospital Market Size and CAGR 2011-2017 (Volume)
- Figure Hospital Market Forecast and CAGR 2018-2025 (Value)
- Figure Hospital Market Forecast and CAGR 2018-2025 (Volume)
- Figure Institute Market Size and CAGR 2011-2017 (Value)
- Figure Institute Market Size and CAGR 2011-2017 (Volume)
- Figure Institute Market Forecast and CAGR 2018-2025 (Value)
- Figure Institute Market Forecast and CAGR 2018-2025 (Volume)
- Figure Global Medical Cyclotron Market Size and CAGR 2011-2017 (Value)
- Figure Global Medical Cyclotron Market Size and CAGR 2011-2017 (Volume)
- Figure Global Medical Cyclotron Market Forecast and CAGR 2018-2025 (Value)
- Figure Global Medical Cyclotron Market Forecast and CAGR 2018-2025 (Volume)
- Figure Asia-Pacific Medical Cyclotron Market Size and CAGR 2011-2017 (Value)
- Figure Asia-Pacific Medical Cyclotron Market Size and CAGR 2011-2017 (Volume)
- Figure Asia-Pacific Medical Cyclotron Market Forecast and CAGR 2018-2025 (Value)
- Figure Asia-Pacific Medical Cyclotron Market Forecast and CAGR 2018-2025 (Volume)
- Figure North America Medical Cyclotron Market Size and CAGR 2011-2017 (Value)
- Figure North America Medical Cyclotron Market Size and CAGR 2011-2017 (Volume)
- Figure North America Medical Cyclotron Market Forecast and CAGR 2018-2025 (Value)
- Figure North America Medical Cyclotron Market Forecast and CAGR 2018-2025 (Volume)
- Figure Europe Medical Cyclotron Market Size and CAGR 2011-2017 (Value)
- Figure Europe Medical Cyclotron Market Size and CAGR 2011-2017 (Volume)
- Figure Europe Medical Cyclotron Market Forecast and CAGR 2018-2025 (Value)
- Figure Europe Medical Cyclotron Market Forecast and CAGR 2018-2025 (Volume)
- Figure South America Medical Cyclotron Market Size and CAGR 2011-2017 (Value)
- Figure South America Medical Cyclotron Market Size and CAGR 2011-2017 (Volume)

Figure South America Medical Cyclotron Market Forecast and CAGR 2018-2025  
(Value)

Figure South America Medical Cyclotron Market Forecast and CAGR 2018-2025  
(Volume)

Figure Middle East & Africa Medical Cyclotron Market Size and CAGR 2011-2017  
(Value)

Figure Middle East & Africa Medical Cyclotron Market Size and CAGR 2011-2017  
(Volume)

Figure Middle East & Africa Medical Cyclotron Market Forecast and CAGR 2018-2025  
(Value)

Figure Middle East & Africa Medical Cyclotron Market Forecast and CAGR 2018-2025  
(Volume)

Figure Global Market Sales Revenue Share by Company in 2017

Figure Global Market Sales Volume Share by Company in 2017

Figure Asia-Pacific Market Sales Revenue Share by Company in 2017

Figure Asia-Pacific Market Sales Volume Share by Company in 2017

Figure North America Market Sales Revenue Share by Company in 2017

Figure North America Market Sales Volume Share by Company in 2017

Figure Europe Market Sales Revenue Share by Company in 2017

Figure Europe Market Sales Volume Share by Company in 2017

Figure South America Market Sales Revenue Share by Company in 2017

Figure South America Market Sales Volume Share by Company in 2017

Figure Middle East & Africa Market Sales Revenue Share by Company in 2017

Figure Middle East & Africa Market Sales Volume Share by Company in 2017

Figure Global Market Sales Revenue Share by Type in 2017

Figure Global Market Sales Volume Share by Type in 2017

Figure Asia-Pacific Market Sales Revenue Share by Type in 2017

Figure Asia-Pacific Market Sales Volume Share by Type in 2017

Figure North America Market Sales Revenue Share by Type in 2017

Figure North America Market Sales Volume Share by Type in 2017

Figure Europe Market Sales Revenue Share by Type in 2017

Figure Europe Market Sales Volume Share by Type in 2017

Figure South America Market Sales Revenue Share by Type in 2017

Figure South America Market Sales Volume Share by Type in 2017

Figure Middle East & Africa Market Sales Revenue Share by Type in 2017

Figure Middle East & Africa Market Sales Volume Share by Type in 2017

Figure Global Market Sales Revenue Share by Application in 2017

Figure Global Market Sales Volume Share by Application in 2017

Figure Asia-Pacific Market Sales Revenue Share by Application in 2017

Figure Asia-Pacific Market Sales Volume Share by Application in 2017  
Figure North America Market Sales Revenue Share by Application in 2017  
Figure North America Market Sales Volume Share by Application in 2017  
Figure Europe Market Sales Revenue Share by Application in 2017  
Figure Europe Market Sales Volume Share by Application in 2017  
Figure South America Market Sales Revenue Share by Application in 2017  
Figure South America Market Sales Volume Share by Application in 2017  
Figure Middle East & Africa Market Sales Revenue Share by Application in 2017  
Figure Middle East & Africa Market Sales Volume Share by Application in 2017  
Figure Industry Chain Overview  
Figure Medical Cyclotron SWOT List  
Figure Medical Devices Porter's Five Forces

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