

# 2020-2025 Global Medical Cyclotron Market Report - Production and Consumption Professional Analysis (Impact of COVID-19)

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## 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.

This report elaborates the market size, market characteristics, and market growth of the Medical Cyclotron industry, and breaks down according to the type, application, and consumption area of Medical Cyclotron. The report also conducted a PESTEL analysis of the industry to study the main influencing factors and entry barriers of the industry.

In Chapter 3.4 of the report, the impact of the COVID-19 outbreak on the industry was fully assessed. Fully risk assessment and industry recommendations were made for Medical Cyclotron in a special period. This chapter also compares the markets of Pre COVID-19 and Post COVID-19.

In addition, chapters 8-12 consider the impact of COVID-19 on the regional economy.

Key players in the global Medical Cyclotron market covered in Chapter 13:

Sumitomo

ABT Molecular Imaging, Inc.

Best Medical

Best Cyclotron Systems, Inc.

GE

Mercurius Health

IBA

Siemens

ACSI

PMB Alcen

ARTMS Products

Varian Medical Systems

In Chapter 6, on the basis of types, the Medical Cyclotron market from 2015 to 2025 is primarily split into:

10-12 MeV

16-18 MeV

19-24 MeV

24 MeV and above

In Chapter 7, on the basis of applications, the Medical Cyclotron market from 2015 to 2025 covers:

Hospital

Diagnostic Centers

Research Institutes

Geographically, the detailed analysis of production, trade of the following countries is covered in Chapter 4.2, 5:

United States

Europe

China

Japan

India

Geographically, the detailed analysis of consumption, revenue, market share and growth rate of the following regions are covered in Chapter 8, 9, 10, 11, 12:

North America (Covered in Chapter 8)

United States

Canada

Mexico

Europe (Covered in Chapter 9)

Germany

UK

France  
Italy  
Spain  
Others  
Asia-Pacific (Covered in Chapter 10)  
China  
Japan  
India  
South Korea  
Southeast Asia  
Others  
Middle East and Africa (Covered in Chapter 11)  
Saudi Arabia  
UAE  
South Africa  
Others  
South America (Covered in Chapter 12)  
Brazil  
Others

Years considered for this report:

Historical Years: 2015-2019

Base Year: 2019

Estimated Year: 2020

Forecast Period: 2020-2025

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