

Global Medical Cyclotron Market Research Report 2017-2027

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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.

The global Medical Cyclotron market will reach xxx Million USD in 2022 with CAGR xx% 2022-2027. The objective of report is to define, segment, and project the market on the basis of product type, application, and region, and to describe the content about the factors influencing market dynamics, policy, economic, technology and market entry etc.

Based on products type, the report describes major products type share of regional market. Products mentioned as follows:

Positive ions type

Negative ions type

Leading vendors in the market are included based on profile, business performance etc.

Vendors mentioned as follows:

IBA

GE

Siemens

Sumitomo Heavy Industries

ACSI

Best Medical

Based on Application, the report describes major application share of regional market. Application mentioned as follows:

Hospital

Institute

Based on region, the report describes major regions market by products and application. Regions mentioned as follows:

Asia-Pacific

North America

Europe

South America

Middle East & Africa

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