

Gyrotrons Market, Global Outlook and Forecast 2022-2028

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Abstracts

A gyrotron is a class of high-power linear-beam vacuum tubes which generates millimeter-wave electromagnetic waves by the cyclotron resonance of electrons in a strong magnetic field. Output frequencies range from about 20 to 527 GHz, covering wavelengths from microwave to the edge of the terahertz gap. Typical output powers range from tens of kilowatts to 1–2 megawatts. Gyrotrons can be designed for pulsed or continuous operation.

This report contains market size and forecasts of Gyrotrons in global, including the following market information:

Global Gyrotrons Market Revenue, 2017-2022, 2023-2028, (\$ millions)

Global Gyrotrons Market Sales, 2017-2022, 2023-2028, (K Units)

Global top five Gyrotrons companies in 2021 (%)

The global Gyrotrons market was valued at million in 2021 and is projected to reach US\$ million by 2028, at a CAGR of % during the forecast period.

The U.S. Market is Estimated at \$ Million in 2021, While China is Forecast to Reach \$ Million by 2028.

Transverse-Output Gyrotron Segment to Reach \$ Million by 2028, with a % CAGR in next six years.

The global key manufacturers of Gyrotrons include Communications & Power

Industries, Gycom, Thales Group, Toshiba and Bridge12 Technologies, etc. In 2021, the global top five players have a share approximately % in terms of revenue.

MARKET MONITOR GLOBAL, INC (MMG) has surveyed the Gyrotrons manufacturers, suppliers, distributors and industry experts on this industry, involving the sales, revenue, demand, price change, product type, recent development and plan, industry trends, drivers, challenges, obstacles, and potential risks.

Total Market by Segment:

Global Gyrotrons Market, by Type, 2017-2022, 2023-2028 (\$ Millions) & (K Units)

Global Gyrotrons Market Segment Percentages, by Type, 2021 (%)

Transverse-Output Gyrotron

Axial-Output Gyrotron

Global Gyrotrons Market, by Application, 2017-2022, 2023-2028 (\$ Millions) & (K Units)

Global Gyrotrons Market Segment Percentages, by Application, 2021 (%)

Manufacturing Industry

Military Application

Other

Global Gyrotrons Market, By Region and Country, 2017-2022, 2023-2028 (\$ Millions) & (K Units)

Global Gyrotrons Market Segment Percentages, By Region and Country, 2021 (%)

North America

US

Canada

Mexico

Europe

Germany

France

U.K.

Italy

Russia

Nordic Countries

Benelux

Rest of Europe

Asia

China

Japan

South Korea

Southeast Asia

India

Rest of Asia

South America

Brazil

Argentina

Rest of South America

Middle East & Africa

Turkey

Israel

Saudi Arabia

UAE

Rest of Middle East & Africa

Competitor Analysis

The report also provides analysis of leading market participants including:

Key companies Gyrotrons revenues in global market, 2017-2022 (Estimated), (\$ millions)

Key companies Gyrotrons revenues share in global market, 2021 (%)

Key companies Gyrotrons sales in global market, 2017-2022 (Estimated), (K Units)

Key companies Gyrotrons sales share in global market, 2021 (%)

Further, the report presents profiles of competitors in the market, key players include:

Communications & Power Industries

Gycom

Thales Group

Toshiba

Bridge12 Technologies

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