

# Global Gallium Nitride Target Market 2023 by Manufacturers, Regions, Type and Application, Forecast to 2029

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## Abstracts

According to our (Global Info Research) latest study, the global Gallium Nitride Target market size was valued at USD million in 2022 and is forecast to a readjusted size of USD million by 2029 with a CAGR of % during review period. The influence of COVID-19 and the Russia-Ukraine War were considered while estimating market sizes.

Gallium nitride target is a key material for semiconductor thin film preparation technologies such as physical vapor deposition (PVD) and magnetron sputtering (sputtering). It is usually made of high-purity gallium nitride (GaN) material, which has good thermal conductivity, electrical conductivity and chemical stability. In preparation technologies such as PVD and sputtering, the gallium nitride target is placed in a vacuum chamber, and then the atoms on its surface are released by means of ion bombardment or thermal evaporation, and deposited on the surface of the semiconductor wafer to form the desired film structure. Because gallium nitride has excellent electrical and optical properties, gallium nitride targets have been widely used in the manufacture of semiconductor devices, such as for the preparation of high-brightness LEDs, lasers and power devices.

This report is a detailed and comprehensive analysis for global Gallium Nitride Target market. Both quantitative and qualitative analyses are presented by manufacturers, by region & country, by Type and by Application. As the market is constantly changing, this report explores the competition, supply and demand trends, as well as key factors that contribute to its changing demands across many markets. Company profiles and product examples of selected competitors, along with market share estimates of some of the selected leaders for the year 2023, are provided.

### Key Features:

Global Gallium Nitride Target market size and forecasts, in consumption value (\$ Million), sales quantity (Tons), and average selling prices (US\$/Ton), 2018-2029

Global Gallium Nitride Target market size and forecasts by region and country, in consumption value (\$ Million), sales quantity (Tons), and average selling prices (US\$/Ton), 2018-2029

Global Gallium Nitride Target market size and forecasts, by Type and by Application, in consumption value (\$ Million), sales quantity (Tons), and average selling prices (US\$/Ton), 2018-2029

Global Gallium Nitride Target market shares of main players, shipments in revenue (\$ Million), sales quantity (Tons), and ASP (US\$/Ton), 2018-2023

The Primary Objectives in This Report Are:

To determine the size of the total market opportunity of global and key countries

To assess the growth potential for Gallium Nitride Target

To forecast future growth in each product and end-use market

To assess competitive factors affecting the marketplace

This report profiles key players in the global Gallium Nitride Target market based on the following parameters - company overview, production, value, price, gross margin, product portfolio, geographical presence, and key developments. Key companies covered as a part of this study include Tosoh SMD, Inc., KAMIS Incorporated, American Elements, AEM Deposition and Nexteck Technology Limited, etc.

This report also provides key insights about market drivers, restraints, opportunities, new product launches or approvals, COVID-19 and Russia-Ukraine War Influence.

### Market Segmentation

Gallium Nitride Target market is split by Type and by Application. For the period 2018-2029, the growth among segments provides accurate calculations and forecasts

for consumption value by Type, and by Application in terms of volume and value. This analysis can help you expand your business by targeting qualified niche markets.

#### Market segment by Type

N-Type Gallium Nitride Target

P-Type Gallium Nitride Target

#### Market segment by Application

LED Manufacturing

LD Manufacturing

Solar Cell Manufacturing

Semiconductor Device Manufacturing

#### Major players covered

Tosoh SMD, Inc.

KAMIS Incorporated

American Elements

AEM Deposition

Nexteck Technology Limited

Materion Corporation

Kurt J. Lesker Company

Angstrom Sciences, Inc.

Plansee SE

Stanford Advanced Materials

RHP Technology GmbH

CXMET

GRIKIN Advanced Materials Co., Ltd.

China New Metal Materials Technology Co., Ltd.

E-light Technology Co., Ltd.

Beijing Loyaltarget Technology Co., Limited

Market segment by region, regional analysis covers

North America (United States, Canada and Mexico)

Europe (Germany, France, United Kingdom, Russia, Italy, and Rest of Europe)

Asia-Pacific (China, Japan, Korea, India, Southeast Asia, and Australia)

South America (Brazil, Argentina, Colombia, and Rest of South America)

Middle East & Africa (Saudi Arabia, UAE, Egypt, South Africa, and Rest of Middle East & Africa)

The content of the study subjects, includes a total of 15 chapters:

Chapter 1, to describe Gallium Nitride Target product scope, market overview, market estimation caveats and base year.

Chapter 2, to profile the top manufacturers of Gallium Nitride Target, with price, sales, revenue and global market share of Gallium Nitride Target from 2018 to 2023.

Chapter 3, the Gallium Nitride Target competitive situation, sales quantity, revenue and global market share of top manufacturers are analyzed emphatically by landscape contrast.

Chapter 4, the Gallium Nitride Target breakdown data are shown at the regional level, to show the sales quantity, consumption value and growth by regions, from 2018 to 2029.

Chapter 5 and 6, to segment the sales by Type and application, with sales market share and growth rate by type, application, from 2018 to 2029.

Chapter 7, 8, 9, 10 and 11, to break the sales data at the country level, with sales quantity, consumption value and market share for key countries in the world, from 2017 to 2022. and Gallium Nitride Target market forecast, by regions, type and application, with sales and revenue, from 2024 to 2029.

Chapter 12, market dynamics, drivers, restraints, trends, Porters Five Forces analysis, and Influence of COVID-19 and Russia-Ukraine War.

Chapter 13, the key raw materials and key suppliers, and industry chain of Gallium Nitride Target.

Chapter 14 and 15, to describe Gallium Nitride Target sales channel, distributors, customers, research findings and conclusion.

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