

Global Wafer Edge Ring Supply, Demand and Key Producers, 2023-2029

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Abstracts

The global Wafer Edge Ring market size is expected to reach \$ 38 million by 2029, rising at a market growth of 4.8% CAGR during the forecast period (2023-2029).

Semiconductor manufacturing equipment is a medium tool for achieving semiconductor manufacturing processes, playing an important role in all aspects. According to SEMI, worldwide sales of semiconductor manufacturing equipment increased 5% from \$102.6 billion in 2021 to an all-time record of \$107.6 billion in 2022.

In recent years, the localization process of China's semiconductor industry has further accelerated, and the performance of semiconductor equipment is more flexible than the overall industry. The localization of semiconductor equipment is ushering in a golden wave, and domestic semiconductor equipment is facing more opportunities for verification and trial use, technical cooperation, and import substitution. For the third consecutive year, China remained the largest semiconductor equipment market in 2022 despite a 5% slowdown in the pace of investments in the region year over year, accounting for \$28.3 billion in billings.

The record high for semiconductor manufacturing equipment sales in 2022 stems from the industry's drive to add the fab capacity required to support long-term growth and innovations in key end markets including high-performance computing and automotive. Additionally, the results reflect investments and determination across regions to avoid future semiconductor supply chain constraints like those that surfaced during the pandemic.

The edge ring can be made of a conductive material such as silicon or silicon carbide and temperature control of the edge ring can be enhanced by supplying heat transfer

gas such as helium between opposed surfaces of the edge ring and the edge ring chuck.

This report studies the global Wafer Edge Ring production, demand, key manufacturers, and key regions.

This report is a detailed and comprehensive analysis of the world market for Wafer Edge Ring, and provides market size (US\$ million) and Year-over-Year (YoY) Growth, considering 2022 as the base year. This report explores demand trends and competition, as well as details the characteristics of Wafer Edge Ring that contribute to its increasing demand across many markets.

Highlights and key features of the study

Global Wafer Edge Ring total production and demand, 2018-2029, (K Units)

Global Wafer Edge Ring total production value, 2018-2029, (USD Million)

Global Wafer Edge Ring production by region & country, production, value, CAGR, 2018-2029, (USD Million) & (K Units)

Global Wafer Edge Ring consumption by region & country, CAGR, 2018-2029 & (K Units)

U.S. VS China: Wafer Edge Ring domestic production, consumption, key domestic manufacturers and share

Global Wafer Edge Ring production by manufacturer, production, price, value and market share 2018-2023, (USD Million) & (K Units)

Global Wafer Edge Ring production by Type, production, value, CAGR, 2018-2029, (USD Million) & (K Units)

Global Wafer Edge Ring production by Application production, value, CAGR, 2018-2029, (USD Million) & (K Units).

This reports profiles key players in the global Wafer Edge Ring 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 Tokai, Carbon, EPP, CoorsTek, SK enpulse, Schunk Xycarb Technology, 3M, Engis Corporation and Shen-Yueh Technology, etc.

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

Stakeholders would have ease in decision-making through various strategy matrices used in analyzing the World Wafer Edge Ring market.

Detailed Segmentation:

Each section contains quantitative market data including market by value (US\$ Millions), volume (production, consumption) & (K Units) and average price (US\$/Unit) by manufacturer, by Type, and by Application. Data is given for the years 2018-2029 by year with 2022 as the base year, 2023 as the estimate year, and 2024-2029 as the forecast year.

Global Wafer Edge Ring Market, By Region:

United States

China

Europe

Japan

South Korea

ASEAN

India

Rest of World

Global Wafer Edge Ring Market, Segmentation by Type

Ceramic (SiC, AlN, etc.) Edge Ring

Quartz Wafer Edge Ring

Metal Wafer Edge Ring

PI (Polyimide) Edge Ring

CFRP Composites Edge Ring

Plastic (PEEK/PPS) Edge Ring

Global Wafer Edge Ring Market, Segmentation by Application

RTP Process

Etching Process

Mocvd Process

PVD Process

Others

Companies Profiled:

Tokai

Carbon

EPP

CoorsTek

SK enpulse

Schunk Xycarb Technology

3M

Engis Corporation

Shen-Yueh Technology

Greene Tweed

CALITECH

Top Seiko Co., Ltd.

Ensinger Grou

Sprint Precision Technologies Co., Ltd

KFMI

HCAT

KALLAX Company

Key Questions Answered

1. How big is the global Wafer Edge Ring market?
2. What is the demand of the global Wafer Edge Ring market?
3. What is the year over year growth of the global Wafer Edge Ring market?
4. What is the production and production value of the global Wafer Edge Ring market?
5. Who are the key producers in the global Wafer Edge Ring market?
6. What are the growth factors driving the market demand?

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