

# Global PVD and ALD Coating for Chamber Components Supply, Demand and Key Producers, 2023-2029

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## Abstracts

The global PVD and ALD Coating for Chamber Components market size is expected to reach \$ million by 2029, rising at a market growth of % 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.

PVD and ALD coatings for chamber components are typically based on yttrium or aluminum oxides or may be made from aluminum oxynitride (AlON). The exact chemistry and coating thickness must be tailored to the application. The use of temperature in the chamber, processing time, and gases vary considerably depending on the device specifications, and these variables are used to select the right combination of coatings for their desired coating performance. Custom precision-engineered coatings provide the optimal balance between cost and performance.

This report studies the global PVD and ALD Coating for Chamber Components demand, key companies, and key regions.

This report is a detailed and comprehensive analysis of the world market for PVD and ALD Coating for Chamber Components, 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 PVD and ALD Coating for Chamber Components that contribute to its increasing demand across many markets.

Highlights and key features of the study

Global PVD and ALD Coating for Chamber Components total market, 2018-2029, (USD Million)

Global PVD and ALD Coating for Chamber Components total market by region & country, CAGR, 2018-2029, (USD Million)

U.S. VS China: PVD and ALD Coating for Chamber Components total market, key domestic companies and share, (USD Million)

Global PVD and ALD Coating for Chamber Components revenue by player and market share 2018-2023, (USD Million)

Global PVD and ALD Coating for Chamber Components total market by Type, CAGR, 2018-2029, (USD Million)

Global PVD and ALD Coating for Chamber Components total market by Application, CAGR, 2018-2029, (USD Million).

This reports profiles major players in the global PVD and ALD Coating for Chamber

Components market based on the following parameters – company overview, revenue, gross margin, product portfolio, geographical presence, and key developments. Key companies covered as a part of this study include Entegris, Beneq, Saint-Gobain, UCT (Ultra Clean Holdings, Inc), Fiti Group, SK enpulse, APS Materials, Inc., SilcoTek and Aluminum Electroplating Company, 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 PVD and ALD Coating for Chamber Components market.

Detailed Segmentation:

Each section contains quantitative market data including market by value (US\$ Millions), by player, by regions, 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 PVD and ALD Coating for Chamber Components Market, By Region:

United States

China

Europe

Japan

South Korea

ASEAN

India

Rest of World

Global PVD and ALD Coating for Chamber Components Market, Segmentation by Type

Ceramic Coating (Y<sub>2</sub>O<sub>3</sub>,Al<sub>2</sub>O<sub>3</sub>)

Metal Coating

Anodizing

Global PVD and ALD Coating for Chamber Components Market, Segmentation by Application

ALD Chamber Components

CVD Chamber Components

Companies Profiled:

Entegris

Beneq

Saint-Gobain

UCT (Ultra Clean Holdings, Inc)

Fiti Group

SK enpulse

APS Materials, Inc.

SilcoTek

Aluminum Electroplating Company

Alcadyne

ASSET Solutions, Inc.

KoMiCo

NGK (NTK CERATE)

Toshiba Materials

Hansol IONES

YMC Co., Ltd.

FEMVIX

SEWON HARDFACING CO.,LTD

CINOS

Oerlikon Balzers

Yeedex

## Key Questions Answered

1. How big is the global PVD and ALD Coating for Chamber Components market?
2. What is the demand of the global PVD and ALD Coating for Chamber Components market?
3. What is the year over year growth of the global PVD and ALD Coating for Chamber Components market?
4. What is the total value of the global PVD and ALD Coating for Chamber Components market?
5. Who are the major players in the global PVD and ALD Coating for Chamber Components market?
6. What are the growth factors driving the market demand?

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