

Global Semiconductor Etch Equipment Production, Demand and Key Producers, 2022-2028

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Abstracts

Etching is a process in which layers from the surface of a wafer are removed using chemicals. An etch system shapes the thin film into a desired patterns using liquid chemicals, reaction gases or ion chemical reaction. An etch system is used in manufacturing lines for semiconductors and other electronic devices. Semiconductor etch equipment is used copiously in various semiconductor fabrication processes. Among the different types of semiconductor etch equipment available in the market, dry etch equipment held the largest etch equipment market share in 2016 both in terms of revenue and volume. Reduced material consumption coupled with low cost associated with disposing the materials. However, the wet etching equipment is anticipated to experience the fastest growth rate both in terms of value and volume owing to its higher adoption rate in wafer manufacturing process due to its high etching rate and ease of operation. By equipment type the semiconductor etch equipment can be bifurcated into dry etching equipment, and wet etching equipment. The semiconductor etch equipment market size can be further segmented by etching film type into conductor etching process, & dielectric etching process, and polysilicon etching process). The market has several application areas such as logic and memory, MEMS (Micro-Electro-Mechanical Systems), power device, RFID (Radio-Frequency Identification), and CMOS image sensors.

This report studies the global Semiconductor Etch Equipment production, demand, key manufacturers, and key regions.

This report is a detailed and comprehensive analysis of the world market for Semiconductor Etch Equipment, and provides market size (US\$ million) and Year-over-Year (YoY) Growth, considering 2021 as the base year. This report explores demand trends and competition, as well as details the characteristics of Semiconductor Etch

Equipment that contribute to its increasing demand across many markets.

The global Semiconductor Etch Equipment market size is expected to reach \$ 40900 million by 2028, rising at a market growth of 10.6% CAGR during the forecast period (2022-2028).

Highlights and key features of the study

Global Semiconductor Etch Equipment total production and demand, 2017-2028, (Units)

Global Semiconductor Etch Equipment total production value, 2017-2028, (USD Million)

Global Semiconductor Etch Equipment production by region & country, production, value, CAGR, 2017-2028, (USD Million) & (Units)

Global Semiconductor Etch Equipment consumption by region & country, CAGR, 2017-2028 & (Units)

U.S. VS China: Semiconductor Etch Equipment domestic production, consumption, key domestic manufacturers and share

Global Semiconductor Etch Equipment production by manufacturer, production, price, value and market share 2017-2022, (USD Million) & (Units)

Global Semiconductor Etch Equipment production by Type, production, value, CAGR, 2017-2028, (USD Million) & (Units)

Global Semiconductor Etch Equipment production by Application production, value, CAGR, 2017-2028, (USD Million) & (Units)

This reports profiles key players in the global Semiconductor Etch Equipment market based on the following parameters – headquarters, production locations, products portfolio, Semiconductor Etch Equipment revenue, sales, average price and gross margin, recent developments.

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 Semiconductor Etch Equipment market

Detailed Segmentation:

Each section contains quantitative market data including market by value (US\$ Millions), volume (production, consumption) & (Units) and average price (K USD/Unit) by manufacturer, by Type, and by Application. Data is given for the years 2017-2028 by year with 2021 as the base year, 2022 as the estimate year, and 2028 as the forecast year.

Global Semiconductor Etch Equipment Market, By Region:

United States

China

Europe

Japan

South Korea

ASEAN

India

Global Semiconductor Etch Equipment Market, Segmentation by Type

Dry Etching Equipment

Wet Etching Equipment

Global Semiconductor Etch Equipment Market, Segmentation by Application

Logic and Memory

MEMS

Power Device

Others

Companies Profiled:

Lam Research

TEL

Applied Materials

Hitachi High-Technologies

Oxford Instruments

SPTS Technologies

Plasma-Therm

GigaLane

SAMCO

AMEC

NAURA

Key Questions Answered

1. How big is the global Semiconductor Etch Equipment market?
2. What is the demand of the global Semiconductor Etch Equipment market?
3. What is the year over year growth of the global Semiconductor Etch Equipment market?

4. What is the production and production value of the global Semiconductor Etch Equipment market?
5. Who are the key producers in the global Semiconductor Etch Equipment market?
6. What are the growth factors driving the market demand?

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