

Global Semiconductor Gas Abatement Systems Supply, Demand and Key Producers, 2023-2029

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Abstracts

The global Semiconductor Gas Abatement Systems market size is expected to reach \$ 2480.3 million by 2029, rising at a market growth of 9.7% CAGR during the forecast period (2023-2029).

The semiconductor industry uses gases that are toxic, flammable and even harmful for the environment, but also for humans. For example, in the production of microchips. According to national legislation, these gases have to be abated. This means that they are reduced below the respective threshold limit value (TLV). Different gases require different treatment technologies, such as thermal, wet or even a combination of both technologies. The process exhaust gases can then be released into the atmosphere, without harming nature, for a greener world. The top three manufacturers of gas emission reduction systems for the semiconductor industry are Ebara Machinery, Busch Vacuum Solutions, and GST (Global Standard Technology), which together account for about 60% of the total. Combustion wet-type and dry-type gas emission reduction systems for the semiconductor industry are the top two in all categories, accounting for 50.22% of the total.

This report studies the global Semiconductor Gas Abatement Systems production, demand, key manufacturers, and key regions.

This report is a detailed and comprehensive analysis of the world market for Semiconductor Gas Abatement Systems, 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 Semiconductor Gas Abatement Systems that contribute to its increasing demand across many markets.

Highlights and key features of the study

Global Semiconductor Gas Abatement Systems total production and demand, 2018-2029, (Units)

Global Semiconductor Gas Abatement Systems total production value, 2018-2029, (USD Million)

Global Semiconductor Gas Abatement Systems production by region & country, production, value, CAGR, 2018-2029, (USD Million) & (Units)

Global Semiconductor Gas Abatement Systems consumption by region & country, CAGR, 2018-2029 & (Units)

U.S. VS China: Semiconductor Gas Abatement Systems domestic production, consumption, key domestic manufacturers and share

Global Semiconductor Gas Abatement Systems production by manufacturer, production, price, value and market share 2018-2023, (USD Million) & (Units)

Global Semiconductor Gas Abatement Systems production by Type, production, value, CAGR, 2018-2029, (USD Million) & (Units)

Global Semiconductor Gas Abatement Systems production by Application production, value, CAGR, 2018-2029, (USD Million) & (Units)

This reports profiles key players in the global Semiconductor Gas Abatement Systems 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 Ebara, Busch Vacuum Solutions, GST (Global Standard Technology), Edwards Vacuum, CS Clean Solutions, DAS Environmental Expert, CSK (Atlas Copco), Ecosys Abatement and Highvac, 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 Semiconductor Gas Abatement Systems market

Detailed Segmentation:

Each section contains quantitative market data including market by value (US\$ Millions), volume (production, consumption) & (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 Semiconductor Gas Abatement Systems Market, By Region:

United States

China

Europe

Japan

South Korea

ASEAN

India

Rest of World

Global Semiconductor Gas Abatement Systems Market, Segmentation by Type

Combustion-wash Type

Dry Type

Catalytic Type

Wet Type

Global Semiconductor Gas Abatement Systems Market, Segmentation by Application

Plasma Etching

CVD

ALD

EPI

Ion Implantation

Companies Profiled:

Ebara

Busch Vacuum Solutions

GST (Global Standard Technology)

Edwards Vacuum

CS Clean Solutions

DAS Environmental Expert

CSK (Atlas Copco)

Ecosys Abatement

Highvac

Nippon Sanso

Showa Denko

Beijing Jingyi Automation Equipment

Key Questions Answered

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

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