

Global Gas Scrubbers for Semiconductor Supply, Demand and Key Producers, 2023-2029

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Abstracts

The global Gas Scrubbers for Semiconductor market size is expected to reach \$ 3558.1 million by 2029, rising at a market growth of 15.2% CAGR during the forecast period (2023-2029).

Global key manufacturers of Gas Scrubbers for Semiconductor include Ebara Corporation, Global Standard Technology, and UNISEM. The top five manufacturers account for approximately 50% of the global share. Global origins are mainly located in North America, Europe, China, Japan and South Korea, with South Korea being the world's largest producer of semiconductor gas scrubbers, with a share of about 50%. In terms of product type, plasma scrubbers are the largest segment with about 39% share, while in terms of application, CVD (SiH₄, TEOS, DCS, NH₃, ClF₃, B₂H₆, etc.) is the largest downstream segment with about 30%.

Burn Wet Type is a system that maximizes CO and Nox treatment efficiency through multi-stage combustion by passing the gas generated after use in the semiconductor process directly through the flame. Plasma Wet Type is a system that treats generated gas at a high temperature of 2000 °C or higher using DC Arc Jet Plasma in semiconductor, LCD, LED, OLED, and SOLAR processes. Wet Type is a system that treats water-soluble gas and dust through a high-pressure water pump and fine spray of water. Dry type is a system that treats harmful gases below TLV through physical and chemical adsorption as harmful gases pass through the adsorbent filling tank.

This report studies the global Gas Scrubbers for Semiconductor production, demand, key manufacturers, and key regions.

This report is a detailed and comprehensive analysis of the world market for Gas

Scrubbers for Semiconductor, 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 Gas Scrubbers for Semiconductor that contribute to its increasing demand across many markets.

Highlights and key features of the study

Global Gas Scrubbers for Semiconductor total production and demand, 2018-2029, (Units)

Global Gas Scrubbers for Semiconductor total production value, 2018-2029, (USD Million)

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

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

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

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

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

Global Gas Scrubbers for Semiconductor production by Application production, value, CAGR, 2018-2029, (USD Million) & (Units).

This reports profiles key players in the global Gas Scrubbers for Semiconductor 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, Global Standard Technology, CSK, Unisem, Edwards Vacuum, Kanken Techno, EcoSys, GNBS Engineering and DAS Environmental Expert GmbH, etc.

This report also provides key insights about market drivers, restraints, opportunities,

new product launches or approvals.

Stakeholders would have ease in decision-making through various strategy matrices used in analyzing the World Gas Scrubbers for Semiconductor market.

Detailed Segmentation:

Each section contains quantitative market data including market by value (US\$ Millions), volume (production, consumption) & (Units) and average price (K 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 Gas Scrubbers for Semiconductor Market, By Region:

United States

China

Europe

Japan

South Korea

ASEAN

India

Rest of World

Global Gas Scrubbers for Semiconductor Market, Segmentation by Type

Burn Scrubber

Plasma Scrubber

Heat Wet Scrubber

Dry Scrubber

Global Gas Scrubbers for Semiconductor Market, Segmentation by Application

CVD (SiH₄, NF₃, WF₆, B₂H₆, TEOS, TDMAT, N₂O, C₃H₆, Etc.)

Diffusion (SiH₄, TEOS, DCS, NH₃, ClF₃, B₂H₆, Etc.)

Etch (CF₄, SF₆, BCl₃, Cl₂, HBr, Etc.)

Others

Companies Profiled:

Ebara

Global Standard Technology

CSK

Unisem

Edwards Vacuum

Kanken Techno

EcoSys

GNBS Engineering

DAS Environmental Expert GmbH

CS Clean Solution

YOUNGJIN IND

Integrated Plasma Inc (IPI)

Shengjian

MAT Plus

KC Innovation

Triple Cores Technology

Japan Pionics

Key Questions Answered

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

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