

# Global Semiconductor Exhaust Gas Treatment Scrubbers Competitive Landscape Professional Research Report 2025

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## Abstracts

### Market Overview

According to DIResearch's in-depth investigation and research, the global Semiconductor Exhaust Gas Treatment Scrubbers market size will reach 1,624.75 Million USD in 2025 and is projected to reach 2,998.84 Million USD by 2032, with a CAGR of 9.15% (2025-2032). Notably, the China Semiconductor Exhaust Gas Treatment Scrubbers market has changed rapidly in the past few years. By 2025, China's market size is expected to be Million USD, representing approximately % of the global market share.

### Research Summary

Semiconductor exhaust gas treatment scrubbers are specialized systems used to remove harmful gases and airborne contaminants generated during semiconductor manufacturing processes, such as etching, deposition, and cleaning. These scrubbers utilize chemical or physical processes to neutralize or capture toxic gases, such as hydrogen fluoride (HF), chlorine (Cl<sub>2</sub>), or volatile organic compounds (VOCs), ensuring that the exhaust air meets environmental regulations before being released into the atmosphere. The scrubber system typically includes a series of filters, scrubber towers, and chemical solutions that absorb or react with the pollutants, converting them into non-toxic or less harmful substances. By efficiently treating exhaust gases, semiconductor exhaust gas treatment scrubbers play a critical role in protecting both the environment and human health while enabling semiconductor manufacturers to comply with stringent emissions standards.

The major global manufacturers of Semiconductor Exhaust Gas Treatment Scrubbers include Edwards Vacuum, Ebara, Global Standard Technology, CSK, Kanken Techno, Unisem, EcoSys, GnBS Eco, DAS Environmental Expert GmbH, Shengjian, CS Clean Solution, YOUNGJIN IND, Integrated Plasma Inc (IPI), Taiyo Nippon Sanso, MAT Plus, KC Innovation, Busch Vacuum Solutions, Triple Cores Technology, Air Water Mechatronics, etc. The global players competition landscape in this report is divided into three tiers. The first tier comprises global leading enterprises that command a substantial market share, hold a dominant industry position, possess strong competitiveness and influence, and generate significant revenue. The second tier includes companies with a notable market presence and reputation; these firms actively follow industry leaders in product, service, or technological innovation and maintain a moderate revenue scale. The third tier consists of smaller companies with limited market share and lower brand recognition, primarily focused on local markets and generating comparatively lower revenue.

This report studies the market size, price trends and future development prospects of Semiconductor Exhaust Gas Treatment Scrubbers. Focus on analysing the market share, product portfolio, prices, sales, revenue and gross profit margin of global major manufacturers, as well as the market status and trends of different product types and applications in the global Semiconductor Exhaust Gas Treatment Scrubbers market. The report data covers historical data from 2020 to 2024, based year in 2025 and forecast data from 2026 to 2032.

The regions and countries in the report include North America, Europe, China, APAC (excl. China), Latin America and Middle East and Africa, covering the Semiconductor Exhaust Gas Treatment Scrubbers market conditions and future development trends of key regions and countries, combined with industry-related policies and the latest technological developments, analyze the development characteristics of Semiconductor Exhaust Gas Treatment Scrubbers industries in various regions and countries, help companies understand the development characteristics of each region, help companies formulate business strategies, and achieve the ultimate goal of the company's global development strategy.

The data sources of this report mainly include the National Bureau of Statistics, customs databases, industry associations, corporate financial reports, third-party databases, etc. Among them, macroeconomic data mainly comes from the National Bureau of Statistics, International Economic Research Organization; industry statistical data mainly come from industry associations; company data mainly comes from interviews, public information collection, third-party reliable databases, and price data mainly comes from

various markets monitoring database.

## Global Key Manufacturers of Semiconductor Exhaust Gas Treatment Scrubbers

Include:

Edwards Vacuum

Ebara

Global Standard Technology

CSK

Kanken Techno

Unisem

EcoSys

GnBS Eco

DAS Environmental Expert GmbH

Shengjian

CS Clean Solution

YOUNGJIN IND

Integrated Plasma Inc (IPI)

Taiyo Nippon Sanso

MAT Plus

KC Innovation

Busch Vacuum Solutions

Triple Cores Technology

Air Water Mechatronics

Semiconductor Exhaust Gas Treatment Scrubbers Product Segment Include:

Burn Scrubber

Plasma Scrubber

Heat Wet Scrubber

Dry Scrubber

Semiconductor Exhaust Gas Treatment Scrubbers Product Application Include:

CVD (SiH<sub>4</sub>, NF<sub>3</sub>, WF<sub>6</sub>, B<sub>2</sub>H<sub>6</sub>, TEOS, TDMAT, N<sub>2</sub>O, C<sub>3</sub>H<sub>6</sub>, Etc.)

Diffusion (SiH<sub>4</sub>, TEOS, DCS, NH<sub>3</sub>, ClF<sub>3</sub>, B<sub>2</sub>H<sub>6</sub>, Etc.)

Etch (CF<sub>4</sub>, SF<sub>6</sub>, BCl<sub>3</sub>, Cl<sub>2</sub>, HBr, Etc.)

Others

## **Chapter Scope**

Chapter 1: Product Research Range, Product Types and Applications, Market Overview, Market Situation and Trends

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