

Global Semiconductor Waste Gas Abatement Systems Supply, Demand and Key Producers, 2026-2032

<https://marketpublishers.com/r/G7CA642A5368EN.html>

Date: June 2026

Pages: 169

Price: US\$ 4,480.00 (Single User License)

ID: G7CA642A5368EN

Abstracts

The global Semiconductor Waste Gas Abatement Systems market size is expected to reach \$ 3763 million by 2032, rising at a market growth of 9.3% CAGR during the forecast period (2026-2032).

Semiconductor Waste Gas Abatement Systems have evolved from environmental compliance equipment into mission-critical Sub-FAB infrastructure for process safety, uptime protection, EHS approval, and carbon management. These systems are installed between process tools, dry vacuum pumps, and fab exhaust systems to treat PFCs, NF₃, CF₄, SF₆, SiH₄, NH₃, HCl, HF, VOCs, and other toxic, hazardous, pyrophoric, corrosive, or high-GWP exhaust gases generated by plasma etching, CVD and ALD, epitaxy, ion implantation, cleaning, and other semiconductor processes. The commercial value of Semiconductor Waste Gas Abatement Systems is no longer limited to emission compliance; it increasingly includes fab continuity, process-tool protection, safety interlock management, energy and water optimization, and sustainability reporting. By technology type, the market is segmented into combustion-wash type, dry type, catalytic type, wet type, plasma wet type, and other hybrid systems. Combustion-wash systems are suited to pyrophoric and highly reactive gases, dry systems fit low-flow or water-sensitive hazardous gases, catalytic systems are mainly used for VOCs and oxidizable organic streams, wet systems address acid, alkaline, and water-soluble gases, and plasma wet systems target PFCs, NF₃, and fluorinated gases that are difficult to decompose. Upstream components include corrosion-resistant materials, adsorbents, catalysts, burners, plasma power supplies, sensors, valves, PLC controls, and safety interlock modules, while midstream suppliers include Ebara, Atlas Copco, GST, Shanghai Shengjian Technology, Busch Group, DAS Environmental Expert, CS Clean Solutions, Kanken Techno, UNISEM, Beijing Jingyi Automation Equipment, Greenstar, Goldenway Environmental Technology, Yasheng Semiconductor, Gaopin

Tech, Wuxi Haileide Intelligent Technology, and Shanghai Gaosheng Integrated Circuit Equipment.

In 2025, the Top 5 suppliers generated approximately USD 898 million in combined revenue, representing about 50.65% of the global market. By Units, the Top 5 shipped roughly 10,075 Units, representing about 45.62% of global volume. The revenue Top 5 were led by Ebara, Atlas Copco, GST, Busch Group, and DAS Environmental Expert, while the volume Top 5 were led by Atlas Copco, Ebara, GST, Busch Group, and Shanghai Shengjian Technology. The gap between revenue concentration and shipment concentration reflects differences in technology mix, customer base, ASP level, and high-end fab penetration.

Regional demand is highly concentrated in Asia-Pacific, while production capacity remains more distributed across Europe, China, Japan, North America, and South Korea. In 2025, Asia-Pacific consumed 16,643 Units, accounting for about 75.36% of global demand, followed by North America with 2,608 Units and Europe with 2,319 Units. This demand structure reflects the concentration of wafer fabs, memory capacity, mature-node expansion, display production, power semiconductors, and compound-semiconductor activity across Taiwan, South Korea, mainland China, Japan, and other Asian manufacturing hubs. On the production side, Europe produced 5,880 Units in 2025, China produced 5,275 Units, Japan produced 4,273 Units, North America produced 2,782 Units, and South Korea produced 2,685 Units. China's production is expected to increase from 5,739 Units in 2026 to 9,952 Units in 2032, making it one of the most important incremental manufacturing bases for Semiconductor Waste Gas Abatement Systems. The regional pattern suggests that demand gravity, equipment manufacturing, service networks, and supply-chain localization will not evolve at the same pace, creating room for both global leaders and regional challengers.

Technology segmentation shows that Semiconductor Waste Gas Abatement Systems are shifting from general wet scrubbing toward high-energy treatment, hybrid configurations, and process-specific solutions. In 2025, combustion-wash type led the market with 6,916 Units, followed by dry type with 5,252 Units, catalytic type with 3,324 Units, wet type with 3,123 Units, and plasma wet type with 2,354 Units. By revenue, combustion-wash type reached USD 463.73 million, dry type reached USD 420.28 million, catalytic type reached USD 307.85 million, plasma wet type reached USD 300.05 million, and wet type reached USD 196.13 million. ASP differentiation is material: plasma wet type recorded an ASP of USD 127,460/Unit in 2025, far above the market average of USD 80,300/Unit. Catalytic type reached USD 92,610/Unit, dry type reached USD 80,020/Unit, combustion-wash type reached USD 67,050/Unit, and wet

type reached USD 62,800/Unit. From 2026 to 2032, dry type revenue CAGR reaches 10.64%, plasma wet reaches 9.38%, and catalytic reaches 10.17%, confirming that compact, low-utility, high-efficiency, and higher-complexity gas treatment solutions are becoming more valuable within the Semiconductor Waste Gas Abatement Systems market.

Application structure confirms that CVD and ALD, together with plasma etching, form the core demand base for Semiconductor Waste Gas Abatement Systems. In 2025, CVD and ALD accounted for 8,034 Units and USD 679.03 million in revenue, making them the largest application segment. Plasma etching accounted for 6,875 Units and USD 550.43 million, while EPI, ion implantation, and other applications contributed USD 196.85 million, USD 215.79 million, and USD 133.24 million, respectively. CVD, ALD, and plasma etching involve fluorinated cleaning gases, PFC emissions, reactive precursors, powders, and complex by-products, creating higher requirements for DRE, thermal control, downstream washing, powder handling, and safety interlocks. Ion implantation is smaller in scale but has higher requirements for localized hazardous gas management and dry abatement. EPI requires strong treatment of hydrogen-related and pyrophoric exhaust streams. These differences explain why Semiconductor Waste Gas Abatement Systems cannot be standardized around a single technology route; suppliers must build cross-process, cross-technology, and fab-interface capabilities.

Recent industry momentum is concentrated around high-efficiency PFC destruction, lower energy and water consumption, consumables localization, and digital maintenance systems. Advanced logic, high-layer-count memory, high-aspect-ratio etching, and deposition intensity are increasing the treatment load for NF₃, CF₄, C₂F₆, SF₆, and other fluorinated gases. The evaluation framework for Semiconductor Waste Gas Abatement Systems has moved beyond a standalone DRE metric toward a combined assessment of DRE, fuel and electricity use, cooling-water demand, wastewater load, PM cycle, footprint, safety redundancy, and total cost of ownership. Ebara, Atlas Copco, and GST continue to benefit from installed base, high-end customer qualification, and global service capabilities. Chinese suppliers such as Shanghai Shengjian Technology, Beijing Jingyi Automation Equipment, Greenstar, Goldenway Environmental Technology, Yasheng Semiconductor, Wuxi Haileide Intelligent Technology, Gaopin Tech, and Shanghai Gaosheng Integrated Circuit Equipment are accelerating penetration through local delivery, customized engineering, and supply-chain security demand. Procurement logic is increasingly shifting from unit price to an integrated assessment of process coverage, delivery speed, consumables supply, on-site service, digital monitoring, and carbon-management value.

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

This report is a detailed and comprehensive analysis of the world market for Semiconductor Waste Gas Abatement Systems and provides market size (US\$ million) and Year-over-Year (YoY) Growth, considering 2025 as the base year. This report explores demand trends and competition, as well as details the characteristics of Semiconductor Waste Gas Abatement Systems that contribute to its increasing demand across many markets.

Highlights and key features of the study

Global Semiconductor Waste Gas Abatement Systems total production and demand, 2021-2032, (Units)

Global Semiconductor Waste Gas Abatement Systems total production value, 2021-2032, (USD Million)

Global Semiconductor Waste Gas Abatement Systems production by region & country, production, value, CAGR, 2021-2032, (USD Million) & (Units), (based on production site)

Global Semiconductor Waste Gas Abatement Systems consumption by region & country, CAGR, 2021-2032 & (Units)

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

Global Semiconductor Waste Gas Abatement Systems production by manufacturer, production, price, value and market share 2021-2026, (USD Million) & (Units)

Global Semiconductor Waste Gas Abatement Systems production by Technology, production, value, CAGR, 2021-2032, (USD Million) & (Units)

Global Semiconductor Waste Gas Abatement Systems production by Process, production, value, CAGR, 2021-2032, (USD Million) & (Units)

This report profiles key players in the global Semiconductor Waste 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, Atlas Copco, GST (Global Standard Technology), Shanghai Shengjian Technology, Busch Group, DAS Environmental Expert, CS Clean Solutions, Kanken Techno, UNISEM, Beijing Jingyi Automation Equipment, 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 Semiconductor Waste 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 Technology, and by Process. Data is given for the years 2021-2032 by year with 2025 as the base year, 2026 as the estimate year, and 2027-2032 as the forecast year.

Global Semiconductor Waste Gas Abatement Systems Market, By Region:

United States

China

Europe

Japan

South Korea

ASEAN

India

Rest of World

Global Semiconductor Waste Gas Abatement Systems Market, Segmentation by Technology:

Combustion-wash Type

Dry Type

Catalytic Type

Wet Type

Plasma-wet Type

Others

Global Semiconductor Waste Gas Abatement Systems Market, Segmentation by Deployment:

Integrated Type

Standalone Type

Global Semiconductor Waste Gas Abatement Systems Market, Segmentation by End-use Manufacturing:

Logic/Wafer Foundry

DRAM/HBM

3D NAND

Photovoltaics

Display Panel

LED/Compound Optoelectronics

Others

Global Semiconductor Waste Gas Abatement Systems Market, Segmentation by Process:

Plasma Etching

CVD and ALD

EPI

Ion Implantation

Others

Companies Profiled:

Ebara

Atlas Copco

GST (Global Standard Technology)

Shanghai Shengjian Technology

Busch Group

DAS Environmental Expert

CS Clean Solutions

Kanken Techno

UNISEM

Beijing Jingyi Automation Equipment

Ecosys Abatement

CECO Environmental

Greenstar

Goldenway Environmental Technology

Yasheng Semiconductor

Highvac

Nippon Sanso (Mitsubishi Chemical)

Anguil Environmental Systems

Wuxi Haileide Intelligent Technology

Shanghai Gaosheng Integrated Circuit Equipment

Gaopin Tech

PNC Process Systems

Resonac (formerly Showa Denko)

Key Questions Answered:

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

Contents

1 SUPPLY SUMMARY

- 1.1 Semiconductor Waste Gas Abatement Systems Introduction
- 1.2 World Semiconductor Waste Gas Abatement Systems Supply & Forecast
 - 1.2.1 World Semiconductor Waste Gas Abatement Systems Production Value (2021 & 2025 & 2032)
 - 1.2.2 World Semiconductor Waste Gas Abatement Systems Production (2021-2032)
 - 1.2.3 World Semiconductor Waste Gas Abatement Systems Pricing Trends (2021-2032)
- 1.3 World Semiconductor Waste Gas Abatement Systems Production by Region (Based on Production Site)
 - 1.3.1 World Semiconductor Waste Gas Abatement Systems Production Value by Region (2021-2032)
 - 1.3.2 World Semiconductor Waste Gas Abatement Systems Production by Region (2021-2032)
 - 1.3.3 World Semiconductor Waste Gas Abatement Systems Average Price by Region (2021-2032)
 - 1.3.4 North America Semiconductor Waste Gas Abatement Systems Production (2021-2032)
 - 1.3.5 Europe Semiconductor Waste Gas Abatement Systems Production (2021-2032)
 - 1.3.6 China Semiconductor Waste Gas Abatement Systems Production (2021-2032)
 - 1.3.7 Japan Semiconductor Waste Gas Abatement Systems Production (2021-2032)
 - 1.3.8 South Korea Semiconductor Waste Gas Abatement Systems Production (2021-2032)
- 1.4 Market Drivers, Restraints and Trends
 - 1.4.1 Semiconductor Waste Gas Abatement Systems Market Drivers
 - 1.4.2 Factors Affecting Demand
 - 1.4.3 Semiconductor Waste Gas Abatement Systems Major Market Trends

2 DEMAND SUMMARY

- 2.1 World Semiconductor Waste Gas Abatement Systems Demand (2021-2032)
- 2.2 World Semiconductor Waste Gas Abatement Systems Consumption by Region
 - 2.2.1 World Semiconductor Waste Gas Abatement Systems Consumption by Region (2021-2026)
 - 2.2.2 World Semiconductor Waste Gas Abatement Systems Consumption Forecast by Region (2027-2032)
- 2.3 United States Semiconductor Waste Gas Abatement Systems Consumption

(2021-2032)

2.4 China Semiconductor Waste Gas Abatement Systems Consumption (2021-2032)

2.5 Europe Semiconductor Waste Gas Abatement Systems Consumption (2021-2032)

2.6 Japan Semiconductor Waste Gas Abatement Systems Consumption (2021-2032)

2.7 South Korea Semiconductor Waste Gas Abatement Systems Consumption
(2021-2032)

2.8 ASEAN Semiconductor Waste Gas Abatement Systems Consumption (2021-2032)

2.9 India Semiconductor Waste Gas Abatement Systems Consumption (2021-2032)

3 WORLD MANUFACTURERS COMPETITIVE ANALYSIS

3.1 World Semiconductor Waste Gas Abatement Systems Production Value by
Manufacturer (2021-2026)

3.2 World Semiconductor Waste Gas Abatement Systems Production by Manufacturer
(2021-2026)

3.3 World Semiconductor Waste Gas Abatement Systems Average Price by
Manufacturer (2021-2026)

3.4 Semiconductor Waste Gas Abatement Systems Company Evaluation Quadrant

3.5 Industry Rank and Concentration Rate (CR)

3.5.1 Global Semiconductor Waste Gas Abatement Systems Industry Rank of Major
Manufacturers

3.5.2 Global Concentration Ratios (CR4) for Semiconductor Waste Gas Abatement
Systems in 2025

3.5.3 Global Concentration Ratios (CR8) for Semiconductor Waste Gas Abatement
Systems in 2025

3.6 Semiconductor Waste Gas Abatement Systems Market: Overall Company Footprint
Analysis

3.6.1 Semiconductor Waste Gas Abatement Systems Market: Region Footprint

3.6.2 Semiconductor Waste Gas Abatement Systems Market: Company Product Type
Footprint

3.6.3 Semiconductor Waste Gas Abatement Systems Market: Company Product
Application Footprint

3.7 Competitive Environment

3.7.1 Historical Structure of the Industry

3.7.2 Barriers of Market Entry

3.7.3 Factors of Competition

3.8 New Entrant and Capacity Expansion Plans

3.9 Mergers, Acquisition, Agreements, and Collaborations

4 UNITED STATES VS CHINA VS REST OF THE WORLD

4.1 United States VS China: Semiconductor Waste Gas Abatement Systems Production Value Comparison

4.1.1 United States VS China: Semiconductor Waste Gas Abatement Systems Production Value Comparison (2021 & 2025 & 2032)

4.1.2 United States VS China: Semiconductor Waste Gas Abatement Systems Production Value Market Share Comparison (2021 & 2025 & 2032)

4.2 United States VS China: Semiconductor Waste Gas Abatement Systems Production Comparison

4.2.1 United States VS China: Semiconductor Waste Gas Abatement Systems Production Comparison (2021 & 2025 & 2032)

4.2.2 United States VS China: Semiconductor Waste Gas Abatement Systems Production Market Share Comparison (2021 & 2025 & 2032)

4.3 United States VS China: Semiconductor Waste Gas Abatement Systems Consumption Comparison

4.3.1 United States VS China: Semiconductor Waste Gas Abatement Systems Consumption Comparison (2021 & 2025 & 2032)

4.3.2 United States VS China: Semiconductor Waste Gas Abatement Systems Consumption Market Share Comparison (2021 & 2025 & 2032)

4.4 United States Based Semiconductor Waste Gas Abatement Systems Manufacturers and Market Share, 2021-2026

4.4.1 United States Based Semiconductor Waste Gas Abatement Systems Manufacturers, Headquarters and Production Site (States, Country)

4.4.2 United States Based Manufacturers Semiconductor Waste Gas Abatement Systems Production Value (2021-2026)

4.4.3 United States Based Manufacturers Semiconductor Waste Gas Abatement Systems Production (2021-2026)

4.5 China Based Semiconductor Waste Gas Abatement Systems Manufacturers and Market Share

4.5.1 China Based Semiconductor Waste Gas Abatement Systems Manufacturers, Headquarters and Production Site (Province, Country)

4.5.2 China Based Manufacturers Semiconductor Waste Gas Abatement Systems Production Value (2021-2026)

4.5.3 China Based Manufacturers Semiconductor Waste Gas Abatement Systems Production (2021-2026)

4.6 Rest of World Based Semiconductor Waste Gas Abatement Systems Manufacturers and Market Share, 2021-2026

4.6.1 Rest of World Based Semiconductor Waste Gas Abatement Systems

Manufacturers, Headquarters and Production Site (State, Country)

4.6.2 Rest of World Based Manufacturers Semiconductor Waste Gas Abatement Systems Production Value (2021-2026)

4.6.3 Rest of World Based Manufacturers Semiconductor Waste Gas Abatement Systems Production (2021-2026)

5 MARKET ANALYSIS BY TECHNOLOGY

5.1 World Semiconductor Waste Gas Abatement Systems Market Size Overview by Technology: 2021 VS 2025 VS 2032

5.2 Segment Introduction by Technology

5.2.1 Combustion-wash Type

5.2.2 Dry Type

5.2.3 Catalytic Type

5.2.4 Wet Type

5.2.5 Plasma-wet Type

5.2.6 Others

5.3 Market Segment by Technology

5.3.1 World Semiconductor Waste Gas Abatement Systems Production by Technology (2021-2032)

5.3.2 World Semiconductor Waste Gas Abatement Systems Production Value by Technology (2021-2032)

5.3.3 World Semiconductor Waste Gas Abatement Systems Average Price by Technology (2021-2032)

6 MARKET ANALYSIS BY DEPLOYMENT

6.1 World Semiconductor Waste Gas Abatement Systems Market Size Overview by Deployment: 2021 VS 2025 VS 2032

6.2 Segment Introduction by Deployment

6.2.1 Integrated Type

6.2.2 Standalone Type

6.3 Market Segment by Deployment

6.3.1 World Semiconductor Waste Gas Abatement Systems Production by Deployment (2021-2032)

6.3.2 World Semiconductor Waste Gas Abatement Systems Production Value by Deployment (2021-2032)

6.3.3 World Semiconductor Waste Gas Abatement Systems Average Price by Deployment (2021-2032)

7 MARKET ANALYSIS BY END-USE MANUFACTURING

7.1 World Semiconductor Waste Gas Abatement Systems Market Size Overview by End-use Manufacturing: 2021 VS 2025 VS 2032

7.2 Segment Introduction by End-use Manufacturing

7.2.1 Logic/Wafer Foundry

7.2.2 DRAM/HBM

7.2.3 3D NAND

7.2.4 Photovoltaics

7.2.5 Display Panel

7.2.6 LED/Compound Optoelectronics

7.2.7 Others

7.3 Market Segment by End-use Manufacturing

7.3.1 World Semiconductor Waste Gas Abatement Systems Production by End-use Manufacturing (2021-2032)

7.3.2 World Semiconductor Waste Gas Abatement Systems Production Value by End-use Manufacturing (2021-2032)

7.3.3 World Semiconductor Waste Gas Abatement Systems Average Price by End-use Manufacturing (2021-2032)

8 MARKET ANALYSIS BY PROCESS

8.1 World Semiconductor Waste Gas Abatement Systems Market Size Overview by Process: 2021 VS 2025 VS 2032

8.2 Segment Introduction by Process

8.2.1 Plasma Etching

8.2.2 CVD and ALD

8.2.3 EPI

8.2.4 Ion Implantation

8.2.5 Others

8.3 Market Segment by Process

8.3.1 World Semiconductor Waste Gas Abatement Systems Production by Process (2021-2032)

8.3.2 World Semiconductor Waste Gas Abatement Systems Production Value by Process (2021-2032)

8.3.3 World Semiconductor Waste Gas Abatement Systems Average Price by Process (2021-2032)

9 COMPANY PROFILES

9.1 Ebara

9.1.1 Ebara Details

9.1.2 Ebara Major Business

9.1.3 Ebara Semiconductor Waste Gas Abatement Systems Product and Services

9.1.4 Ebara Semiconductor Waste Gas Abatement Systems Production, Price, Value, Gross Margin and Market Share (2021-2026)

9.1.5 Ebara Recent Developments/Updates

9.1.6 Ebara Competitive Strengths & Weaknesses

9.2 Atlas Copco

9.2.1 Atlas Copco Details

9.2.2 Atlas Copco Major Business

9.2.3 Atlas Copco Semiconductor Waste Gas Abatement Systems Product and Services

9.2.4 Atlas Copco Semiconductor Waste Gas Abatement Systems Production, Price, Value, Gross Margin and Market Share (2021-2026)

9.2.5 Atlas Copco Recent Developments/Updates

9.2.6 Atlas Copco Competitive Strengths & Weaknesses

9.3 GST (Global Standard Technology)

9.3.1 GST (Global Standard Technology) Details

9.3.2 GST (Global Standard Technology) Major Business

9.3.3 GST (Global Standard Technology) Semiconductor Waste Gas Abatement Systems Product and Services

9.3.4 GST (Global Standard Technology) Semiconductor Waste Gas Abatement Systems Production, Price, Value, Gross Margin and Market Share (2021-2026)

9.3.5 GST (Global Standard Technology) Recent Developments/Updates

9.3.6 GST (Global Standard Technology) Competitive Strengths & Weaknesses

9.4 Shanghai Shengjian Technology

9.4.1 Shanghai Shengjian Technology Details

9.4.2 Shanghai Shengjian Technology Major Business

9.4.3 Shanghai Shengjian Technology Semiconductor Waste Gas Abatement Systems Product and Services

9.4.4 Shanghai Shengjian Technology Semiconductor Waste Gas Abatement Systems Production, Price, Value, Gross Margin and Market Share (2021-2026)

9.4.5 Shanghai Shengjian Technology Recent Developments/Updates

9.4.6 Shanghai Shengjian Technology Competitive Strengths & Weaknesses

9.5 Busch Group

9.5.1 Busch Group Details

9.5.2 Busch Group Major Business

9.5.3 Busch Group Semiconductor Waste Gas Abatement Systems Product and Services

9.5.4 Busch Group Semiconductor Waste Gas Abatement Systems Production, Price, Value, Gross Margin and Market Share (2021-2026)

9.5.5 Busch Group Recent Developments/Updates

9.5.6 Busch Group Competitive Strengths & Weaknesses

9.6 DAS Environmental Expert

9.6.1 DAS Environmental Expert Details

9.6.2 DAS Environmental Expert Major Business

9.6.3 DAS Environmental Expert Semiconductor Waste Gas Abatement Systems Product and Services

9.6.4 DAS Environmental Expert Semiconductor Waste Gas Abatement Systems Production, Price, Value, Gross Margin and Market Share (2021-2026)

9.6.5 DAS Environmental Expert Recent Developments/Updates

9.6.6 DAS Environmental Expert Competitive Strengths & Weaknesses

9.7 CS Clean Solutions

9.7.1 CS Clean Solutions Details

9.7.2 CS Clean Solutions Major Business

9.7.3 CS Clean Solutions Semiconductor Waste Gas Abatement Systems Product and Services

9.7.4 CS Clean Solutions Semiconductor Waste Gas Abatement Systems Production, Price, Value, Gross Margin and Market Share (2021-2026)

9.7.5 CS Clean Solutions Recent Developments/Updates

9.7.6 CS Clean Solutions Competitive Strengths & Weaknesses

9.8 Kanken Techno

9.8.1 Kanken Techno Details

9.8.2 Kanken Techno Major Business

9.8.3 Kanken Techno Semiconductor Waste Gas Abatement Systems Product and Services

9.8.4 Kanken Techno Semiconductor Waste Gas Abatement Systems Production, Price, Value, Gross Margin and Market Share (2021-2026)

9.8.5 Kanken Techno Recent Developments/Updates

9.8.6 Kanken Techno Competitive Strengths & Weaknesses

9.9 UNISEM

9.9.1 UNISEM Details

9.9.2 UNISEM Major Business

9.9.3 UNISEM Semiconductor Waste Gas Abatement Systems Product and Services

9.9.4 UNISEM Semiconductor Waste Gas Abatement Systems Production, Price,

Value, Gross Margin and Market Share (2021-2026)

9.9.5 UNISEM Recent Developments/Updates

9.9.6 UNISEM Competitive Strengths & Weaknesses

9.10 Beijing Jingyi Automation Equipment

9.10.1 Beijing Jingyi Automation Equipment Details

9.10.2 Beijing Jingyi Automation Equipment Major Business

9.10.3 Beijing Jingyi Automation Equipment Semiconductor Waste Gas Abatement Systems Product and Services

9.10.4 Beijing Jingyi Automation Equipment Semiconductor Waste Gas Abatement Systems Production, Price, Value, Gross Margin and Market Share (2021-2026)

9.10.5 Beijing Jingyi Automation Equipment Recent Developments/Updates

9.10.6 Beijing Jingyi Automation Equipment Competitive Strengths & Weaknesses

9.11 Ecosys Abatement

9.11.1 Ecosys Abatement Details

9.11.2 Ecosys Abatement Major Business

9.11.3 Ecosys Abatement Semiconductor Waste Gas Abatement Systems Product and Services

9.11.4 Ecosys Abatement Semiconductor Waste Gas Abatement Systems Production, Price, Value, Gross Margin and Market Share (2021-2026)

9.11.5 Ecosys Abatement Recent Developments/Updates

9.11.6 Ecosys Abatement Competitive Strengths & Weaknesses

9.12 CECO Environmental

9.12.1 CECO Environmental Details

9.12.2 CECO Environmental Major Business

9.12.3 CECO Environmental Semiconductor Waste Gas Abatement Systems Product and Services

9.12.4 CECO Environmental Semiconductor Waste Gas Abatement Systems Production, Price, Value, Gross Margin and Market Share (2021-2026)

9.12.5 CECO Environmental Recent Developments/Updates

9.12.6 CECO Environmental Competitive Strengths & Weaknesses

9.13 Greenstar

9.13.1 Greenstar Details

9.13.2 Greenstar Major Business

9.13.3 Greenstar Semiconductor Waste Gas Abatement Systems Product and Services

9.13.4 Greenstar Semiconductor Waste Gas Abatement Systems Production, Price, Value, Gross Margin and Market Share (2021-2026)

9.13.5 Greenstar Recent Developments/Updates

9.13.6 Greenstar Competitive Strengths & Weaknesses

9.14 Goldenway Environmental Technology

- 9.14.1 Goldenway Environmental Technology Details
- 9.14.2 Goldenway Environmental Technology Major Business
- 9.14.3 Goldenway Environmental Technology Semiconductor Waste Gas Abatement Systems Product and Services
- 9.14.4 Goldenway Environmental Technology Semiconductor Waste Gas Abatement Systems Production, Price, Value, Gross Margin and Market Share (2021-2026)
- 9.14.5 Goldenway Environmental Technology Recent Developments/Updates
- 9.14.6 Goldenway Environmental Technology Competitive Strengths & Weaknesses
- 9.15 Yasheng Semiconductor
 - 9.15.1 Yasheng Semiconductor Details
 - 9.15.2 Yasheng Semiconductor Major Business
 - 9.15.3 Yasheng Semiconductor Semiconductor Waste Gas Abatement Systems Product and Services
 - 9.15.4 Yasheng Semiconductor Semiconductor Waste Gas Abatement Systems Production, Price, Value, Gross Margin and Market Share (2021-2026)
 - 9.15.5 Yasheng Semiconductor Recent Developments/Updates
 - 9.15.6 Yasheng Semiconductor Competitive Strengths & Weaknesses
- 9.16 Highvac
 - 9.16.1 Highvac Details
 - 9.16.2 Highvac Major Business
 - 9.16.3 Highvac Semiconductor Waste Gas Abatement Systems Product and Services
 - 9.16.4 Highvac Semiconductor Waste Gas Abatement Systems Production, Price, Value, Gross Margin and Market Share (2021-2026)
 - 9.16.5 Highvac Recent Developments/Updates
 - 9.16.6 Highvac Competitive Strengths & Weaknesses
- 9.17 Nippon Sanso (Mitsubishi Chemical)
 - 9.17.1 Nippon Sanso (Mitsubishi Chemical) Details
 - 9.17.2 Nippon Sanso (Mitsubishi Chemical) Major Business
 - 9.17.3 Nippon Sanso (Mitsubishi Chemical) Semiconductor Waste Gas Abatement Systems Product and Services
 - 9.17.4 Nippon Sanso (Mitsubishi Chemical) Semiconductor Waste Gas Abatement Systems Production, Price, Value, Gross Margin and Market Share (2021-2026)
 - 9.17.5 Nippon Sanso (Mitsubishi Chemical) Recent Developments/Updates
 - 9.17.6 Nippon Sanso (Mitsubishi Chemical) Competitive Strengths & Weaknesses
- 9.18 Anguil Environmental Systems
 - 9.18.1 Anguil Environmental Systems Details
 - 9.18.2 Anguil Environmental Systems Major Business
 - 9.18.3 Anguil Environmental Systems Semiconductor Waste Gas Abatement Systems Product and Services

- 9.18.4 Anguil Environmental Systems Semiconductor Waste Gas Abatement Systems Production, Price, Value, Gross Margin and Market Share (2021-2026)
- 9.18.5 Anguil Environmental Systems Recent Developments/Updates
- 9.18.6 Anguil Environmental Systems Competitive Strengths & Weaknesses
- 9.19 Wuxi Haileide Intelligent Technology
 - 9.19.1 Wuxi Haileide Intelligent Technology Details
 - 9.19.2 Wuxi Haileide Intelligent Technology Major Business
 - 9.19.3 Wuxi Haileide Intelligent Technology Semiconductor Waste Gas Abatement Systems Product and Services
 - 9.19.4 Wuxi Haileide Intelligent Technology Semiconductor Waste Gas Abatement Systems Production, Price, Value, Gross Margin and Market Share (2021-2026)
 - 9.19.5 Wuxi Haileide Intelligent Technology Recent Developments/Updates
 - 9.19.6 Wuxi Haileide Intelligent Technology Competitive Strengths & Weaknesses
- 9.20 Shanghai Gaosheng Integrated Circuit Equipment
 - 9.20.1 Shanghai Gaosheng Integrated Circuit Equipment Details
 - 9.20.2 Shanghai Gaosheng Integrated Circuit Equipment Major Business
 - 9.20.3 Shanghai Gaosheng Integrated Circuit Equipment Semiconductor Waste Gas Abatement Systems Product and Services
 - 9.20.4 Shanghai Gaosheng Integrated Circuit Equipment Semiconductor Waste Gas Abatement Systems Production, Price, Value, Gross Margin and Market Share (2021-2026)
 - 9.20.5 Shanghai Gaosheng Integrated Circuit Equipment Recent Developments/Updates
 - 9.20.6 Shanghai Gaosheng Integrated Circuit Equipment Competitive Strengths & Weaknesses
- 9.21 Gaopin Tech
 - 9.21.1 Gaopin Tech Details
 - 9.21.2 Gaopin Tech Major Business
 - 9.21.3 Gaopin Tech Semiconductor Waste Gas Abatement Systems Product and Services
 - 9.21.4 Gaopin Tech Semiconductor Waste Gas Abatement Systems Production, Price, Value, Gross Margin and Market Share (2021-2026)
 - 9.21.5 Gaopin Tech Recent Developments/Updates
 - 9.21.6 Gaopin Tech Competitive Strengths & Weaknesses
- 9.22 PNC Process Systems
 - 9.22.1 PNC Process Systems Details
 - 9.22.2 PNC Process Systems Major Business
 - 9.22.3 PNC Process Systems Semiconductor Waste Gas Abatement Systems Product and Services

- 9.22.4 PNC Process Systems Semiconductor Waste Gas Abatement Systems Production, Price, Value, Gross Margin and Market Share (2021-2026)
- 9.22.5 PNC Process Systems Recent Developments/Updates
- 9.22.6 PNC Process Systems Competitive Strengths & Weaknesses
- 9.23 Resonac (formerly Showa Denko)
 - 9.23.1 Resonac (formerly Showa Denko) Details
 - 9.23.2 Resonac (formerly Showa Denko) Major Business
 - 9.23.3 Resonac (formerly Showa Denko) Semiconductor Waste Gas Abatement Systems Product and Services
 - 9.23.4 Resonac (formerly Showa Denko) Semiconductor Waste Gas Abatement Systems Production, Price, Value, Gross Margin and Market Share (2021-2026)
 - 9.23.5 Resonac (formerly Showa Denko) Recent Developments/Updates
 - 9.23.6 Resonac (formerly Showa Denko) Competitive Strengths & Weaknesses

10 INDUSTRY CHAIN ANALYSIS

- 10.1 Semiconductor Waste Gas Abatement Systems Industry Chain
- 10.2 Semiconductor Waste Gas Abatement Systems Upstream Analysis
 - 10.2.1 Semiconductor Waste Gas Abatement Systems Core Raw Materials
 - 10.2.2 Main Manufacturers of Semiconductor Waste Gas Abatement Systems Core Raw Materials
- 10.3 Midstream Analysis
- 10.4 Downstream Analysis
- 10.5 Semiconductor Waste Gas Abatement Systems Production Mode
- 10.6 Semiconductor Waste Gas Abatement Systems Procurement Model
- 10.7 Semiconductor Waste Gas Abatement Systems Industry Sales Model and Sales Channels
 - 10.7.1 Semiconductor Waste Gas Abatement Systems Sales Model
 - 10.7.2 Semiconductor Waste Gas Abatement Systems Typical Distributors

11 RESEARCH FINDINGS AND CONCLUSION

12 APPENDIX

- 12.1 Methodology
- 12.2 Research Process and Data Source
- 12.3 Disclaimer

List Of Tables

LIST OF TABLES

Table 1. World Semiconductor Waste Gas Abatement Systems Production Value by Region (2021, 2025 and 2032) & (USD Million)

Table 2. World Semiconductor Waste Gas Abatement Systems Production Value by Region (2021-2026) & (USD Million)

Table 3. World Semiconductor Waste Gas Abatement Systems Production Value by Region (2027-2032) & (USD Million)

Table 4. World Semiconductor Waste Gas Abatement Systems Production Value Market Share by Region (2021-2026)

Table 5. World Semiconductor Waste Gas Abatement Systems Production Value Market Share by Region (2027-2032)

Table 6. World Semiconductor Waste Gas Abatement Systems Production by Region (2021-2026) & (Units)

Table 7. World Semiconductor Waste Gas Abatement Systems Production by Region (2027-2032) & (Units)

Table 8. World Semiconductor Waste Gas Abatement Systems Production Market Share by Region (2021-2026)

Table 9. World Semiconductor Waste Gas Abatement Systems Production Market Share by Region (2027-2032)

Table 10. World Semiconductor Waste Gas Abatement Systems Average Price by Region (2021-2026) & (US\$/Unit)

Table 11. World Semiconductor Waste Gas Abatement Systems Average Price by Region (2027-2032) & (US\$/Unit)

Table 12. Semiconductor Waste Gas Abatement Systems Major Market Trends

Table 13. World Semiconductor Waste Gas Abatement Systems Consumption Growth Rate Forecast by Region (2021 & 2025 & 2032) & (Units)

Table 14. World Semiconductor Waste Gas Abatement Systems Consumption by Region (2021-2026) & (Units)

Table 15. World Semiconductor Waste Gas Abatement Systems Consumption Forecast by Region (2027-2032) & (Units)

Table 16. World Semiconductor Waste Gas Abatement Systems Production Value by Manufacturer (2021-2026) & (USD Million)

Table 17. Production Value Market Share of Key Semiconductor Waste Gas Abatement Systems Producers in 2025

Table 18. World Semiconductor Waste Gas Abatement Systems Production by Manufacturer (2021-2026) & (Units)

Table 19. Production Market Share of Key Semiconductor Waste Gas Abatement Systems Producers in 2025

Table 20. World Semiconductor Waste Gas Abatement Systems Average Price by Manufacturer (2021-2026) & (US\$/Unit)

Table 21. Global Semiconductor Waste Gas Abatement Systems Company Evaluation Quadrant

Table 22. World Semiconductor Waste Gas Abatement Systems Industry Rank of Major Manufacturers, Based on Production Value in 2025

Table 23. Head Office and Semiconductor Waste Gas Abatement Systems Production Site of Key Manufacturer

Table 24. Semiconductor Waste Gas Abatement Systems Market: Company Product Type Footprint

Table 25. Semiconductor Waste Gas Abatement Systems Market: Company Product Application Footprint

Table 26. Semiconductor Waste Gas Abatement Systems Competitive Factors

Table 27. Semiconductor Waste Gas Abatement Systems New Entrant and Capacity Expansion Plans

Table 28. Semiconductor Waste Gas Abatement Systems Mergers & Acquisitions Activity

Table 29. United States VS China Semiconductor Waste Gas Abatement Systems Production Value Comparison, (2021 & 2025 & 2032) & (USD Million)

Table 30. United States VS China Semiconductor Waste Gas Abatement Systems Production Comparison, (2021 & 2025 & 2032) & (Units)

Table 31. United States VS China Semiconductor Waste Gas Abatement Systems Consumption Comparison, (2021 & 2025 & 2032) & (Units)

Table 32. United States Based Semiconductor Waste Gas Abatement Systems Manufacturers, Headquarters and Production Site (States, Country)

Table 33. United States Based Manufacturers Semiconductor Waste Gas Abatement Systems Production Value, (2021-2026) & (USD Million)

Table 34. United States Based Manufacturers Semiconductor Waste Gas Abatement Systems Production Value Market Share (2021-2026)

Table 35. United States Based Manufacturers Semiconductor Waste Gas Abatement Systems Production (2021-2026) & (Units)

Table 36. United States Based Manufacturers Semiconductor Waste Gas Abatement Systems Production Market Share (2021-2026)

Table 37. China Based Semiconductor Waste Gas Abatement Systems Manufacturers, Headquarters and Production Site (Province, Country)

Table 38. China Based Manufacturers Semiconductor Waste Gas Abatement Systems Production Value, (2021-2026) & (USD Million)

Table 39. China Based Manufacturers Semiconductor Waste Gas Abatement Systems Production Value Market Share (2021-2026)

Table 40. China Based Manufacturers Semiconductor Waste Gas Abatement Systems Production, (2021-2026) & (Units)

Table 41. China Based Manufacturers Semiconductor Waste Gas Abatement Systems Production Market Share (2021-2026)

Table 42. Rest of World Based Semiconductor Waste Gas Abatement Systems Manufacturers, Headquarters and Production Site (State, Country)

Table 43. Rest of World Based Manufacturers Semiconductor Waste Gas Abatement Systems Production Value, (2021-2026) & (USD Million)

Table 44. Rest of World Based Manufacturers Semiconductor Waste Gas Abatement Systems Production Value Market Share (2021-2026)

Table 45. Rest of World Based Manufacturers Semiconductor Waste Gas Abatement Systems Production, (2021-2026) & (Units)

Table 46. Rest of World Based Manufacturers Semiconductor Waste Gas Abatement Systems Production Market Share (2021-2026)

Table 47. World Semiconductor Waste Gas Abatement Systems Production Value by Technology, (USD Million), 2021 & 2025 & 2032

Table 48. World Semiconductor Waste Gas Abatement Systems Production by Technology (2021-2026) & (Units)

Table 49. World Semiconductor Waste Gas Abatement Systems Production by Technology (2027-2032) & (Units)

Table 50. World Semiconductor Waste Gas Abatement Systems Production Value by Technology (2021-2026) & (USD Million)

Table 51. World Semiconductor Waste Gas Abatement Systems Production Value by Technology (2027-2032) & (USD Million)

Table 52. World Semiconductor Waste Gas Abatement Systems Average Price by Technology (2021-2026) & (US\$/Unit)

Table 53. World Semiconductor Waste Gas Abatement Systems Average Price by Technology (2027-2032) & (US\$/Unit)

Table 54. World Semiconductor Waste Gas Abatement Systems Production Value by Deployment, (USD Million), 2021 & 2025 & 2032

Table 55. World Semiconductor Waste Gas Abatement Systems Production by Deployment (2021-2026) & (Units)

Table 56. World Semiconductor Waste Gas Abatement Systems Production by Deployment (2027-2032) & (Units)

Table 57. World Semiconductor Waste Gas Abatement Systems Production Value by Deployment (2021-2026) & (USD Million)

Table 58. World Semiconductor Waste Gas Abatement Systems Production Value by

Deployment (2027-2032) & (USD Million)

Table 59. World Semiconductor Waste Gas Abatement Systems Average Price by Deployment (2021-2026) & (US\$/Unit)

Table 60. World Semiconductor Waste Gas Abatement Systems Average Price by Deployment (2027-2032) & (US\$/Unit)

Table 61. World Semiconductor Waste Gas Abatement Systems Production Value by End-use Manufacturing, (USD Million), 2021 & 2025 & 2032

Table 62. World Semiconductor Waste Gas Abatement Systems Production by End-use Manufacturing (2021-2026) & (Units)

Table 63. World Semiconductor Waste Gas Abatement Systems Production by End-use Manufacturing (2027-2032) & (Units)

Table 64. World Semiconductor Waste Gas Abatement Systems Production Value by End-use Manufacturing (2021-2026) & (USD Million)

Table 65. World Semiconductor Waste Gas Abatement Systems Production Value by End-use Manufacturing (2027-2032) & (USD Million)

Table 66. World Semiconductor Waste Gas Abatement Systems Average Price by End-use Manufacturing (2021-2026) & (US\$/Unit)

Table 67. World Semiconductor Waste Gas Abatement Systems Average Price by End-use Manufacturing (2027-2032) & (US\$/Unit)

Table 68. World Semiconductor Waste Gas Abatement Systems Production Value by Process, (USD Million), 2021 & 2025 & 2032

Table 69. World Semiconductor Waste Gas Abatement Systems Production by Process (2021-2026) & (Units)

Table 70. World Semiconductor Waste Gas Abatement Systems Production by Process (2027-2032) & (Units)

Table 71. World Semiconductor Waste Gas Abatement Systems Production Value by Process (2021-2026) & (USD Million)

Table 72. World Semiconductor Waste Gas Abatement Systems Production Value by Process (2027-2032) & (USD Million)

Table 73. World Semiconductor Waste Gas Abatement Systems Average Price by Process (2021-2026) & (US\$/Unit)

Table 74. World Semiconductor Waste Gas Abatement Systems Average Price by Process (2027-2032) & (US\$/Unit)

Table 75. Ebara Basic Information, Manufacturing Base and Competitors

Table 76. Ebara Major Business

Table 77. Ebara Semiconductor Waste Gas Abatement Systems Product and Services

Table 78. Ebara Semiconductor Waste Gas Abatement Systems Production (Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2021-2026)

Table 79. Ebara Recent Developments/Updates
Table 80. Ebara Competitive Strengths & Weaknesses
Table 81. Atlas Copco Basic Information, Manufacturing Base and Competitors
Table 82. Atlas Copco Major Business
Table 83. Atlas Copco Semiconductor Waste Gas Abatement Systems Product and Services
Table 84. Atlas Copco Semiconductor Waste Gas Abatement Systems Production (Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2021-2026)
Table 85. Atlas Copco Recent Developments/Updates
Table 86. Atlas Copco Competitive Strengths & Weaknesses
Table 87. GST (Global Standard Technology) Basic Information, Manufacturing Base and Competitors
Table 88. GST (Global Standard Technology) Major Business
Table 89. GST (Global Standard Technology) Semiconductor Waste Gas Abatement Systems Product and Services
Table 90. GST (Global Standard Technology) Semiconductor Waste Gas Abatement Systems Production (Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2021-2026)
Table 91. GST (Global Standard Technology) Recent Developments/Updates
Table 92. GST (Global Standard Technology) Competitive Strengths & Weaknesses
Table 93. Shanghai Shengjian Technology Basic Information, Manufacturing Base and Competitors
Table 94. Shanghai Shengjian Technology Major Business
Table 95. Shanghai Shengjian Technology Semiconductor Waste Gas Abatement Systems Product and Services
Table 96. Shanghai Shengjian Technology Semiconductor Waste Gas Abatement Systems Production (Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2021-2026)
Table 97. Shanghai Shengjian Technology Recent Developments/Updates
Table 98. Shanghai Shengjian Technology Competitive Strengths & Weaknesses
Table 99. Busch Group Basic Information, Manufacturing Base and Competitors
Table 100. Busch Group Major Business
Table 101. Busch Group Semiconductor Waste Gas Abatement Systems Product and Services
Table 102. Busch Group Semiconductor Waste Gas Abatement Systems Production (Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2021-2026)
Table 103. Busch Group Recent Developments/Updates

Table 104. Busch Group Competitive Strengths & Weaknesses

Table 105. DAS Environmental Expert Basic Information, Manufacturing Base and Competitors

Table 106. DAS Environmental Expert Major Business

Table 107. DAS Environmental Expert Semiconductor Waste Gas Abatement Systems Product and Services

Table 108. DAS Environmental Expert Semiconductor Waste Gas Abatement Systems Production (Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2021-2026)

Table 109. DAS Environmental Expert Recent Developments/Updates

Table 110. DAS Environmental Expert Competitive Strengths & Weaknesses

Table 111. CS Clean Solutions Basic Information, Manufacturing Base and Competitors

Table 112. CS Clean Solutions Major Business

Table 113. CS Clean Solutions Semiconductor Waste Gas Abatement Systems Product and Services

Table 114. CS Clean Solutions Semiconductor Waste Gas Abatement Systems Production (Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2021-2026)

Table 115. CS Clean Solutions Recent Developments/Updates

Table 116. CS Clean Solutions Competitive Strengths & Weaknesses

Table 117. Kanken Techno Basic Information, Manufacturing Base and Competitors

Table 118. Kanken Techno Major Business

Table 119. Kanken Techno Semiconductor Waste Gas Abatement Systems Product and Services

Table 120. Kanken Techno Semiconductor Waste Gas Abatement Systems Production (Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2021-2026)

Table 121. Kanken Techno Recent Developments/Updates

Table 122. Kanken Techno Competitive Strengths & Weaknesses

Table 123. UNISEM Basic Information, Manufacturing Base and Competitors

Table 124. UNISEM Major Business

Table 125. UNISEM Semiconductor Waste Gas Abatement Systems Product and Services

Table 126. UNISEM Semiconductor Waste Gas Abatement Systems Production (Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2021-2026)

Table 127. UNISEM Recent Developments/Updates

Table 128. UNISEM Competitive Strengths & Weaknesses

Table 129. Beijing Jingyi Automation Equipment Basic Information, Manufacturing Base

and Competitors

Table 130. Beijing Jingyi Automation Equipment Major Business

Table 131. Beijing Jingyi Automation Equipment Semiconductor Waste Gas Abatement Systems Product and Services

Table 132. Beijing Jingyi Automation Equipment Semiconductor Waste Gas Abatement Systems Production (Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2021-2026)

Table 133. Beijing Jingyi Automation Equipment Recent Developments/Updates

Table 134. Beijing Jingyi Automation Equipment Competitive Strengths & Weaknesses

Table 135. Ecosys Abatement Basic Information, Manufacturing Base and Competitors

Table 136. Ecosys Abatement Major Business

Table 137. Ecosys Abatement Semiconductor Waste Gas Abatement Systems Product and Services

Table 138. Ecosys Abatement Semiconductor Waste Gas Abatement Systems Production (Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2021-2026)

Table 139. Ecosys Abatement Recent Developments/Updates

Table 140. Ecosys Abatement Competitive Strengths & Weaknesses

Table 141. CECO Environmental Basic Information, Manufacturing Base and Competitors

Table 142. CECO Environmental Major Business

Table 143. CECO Environmental Semiconductor Waste Gas Abatement Systems Product and Services

Table 144. CECO Environmental Semiconductor Waste Gas Abatement Systems Production (Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2021-2026)

Table 145. CECO Environmental Recent Developments/Updates

Table 146. CECO Environmental Competitive Strengths & Weaknesses

Table 147. Greenstar Basic Information, Manufacturing Base and Competitors

Table 148. Greenstar Major Business

Table 149. Greenstar Semiconductor Waste Gas Abatement Systems Product and Services

Table 150. Greenstar Semiconductor Waste Gas Abatement Systems Production (Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2021-2026)

Table 151. Greenstar Recent Developments/Updates

Table 152. Greenstar Competitive Strengths & Weaknesses

Table 153. Goldenway Environmental Technology Basic Information, Manufacturing Base and Competitors

Table 154. Goldenway Environmental Technology Major Business

Table 155. Goldenway Environmental Technology Semiconductor Waste Gas Abatement Systems Product and Services

Table 156. Goldenway Environmental Technology Semiconductor Waste Gas Abatement Systems Production (Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2021-2026)

Table 157. Goldenway Environmental Technology Recent Developments/Updates

Table 158. Goldenway Environmental Technology Competitive Strengths & Weaknesses

Table 159. Yasheng Semiconductor Basic Information, Manufacturing Base and Competitors

Table 160. Yasheng Semiconductor Major Business

Table 161. Yasheng Semiconductor Semiconductor Waste Gas Abatement Systems Product and Services

Table 162. Yasheng Semiconductor Semiconductor Waste Gas Abatement Systems Production (Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2021-2026)

Table 163. Yasheng Semiconductor Recent Developments/Updates

Table 164. Yasheng Semiconductor Competitive Strengths & Weaknesses

Table 165. Highvac Basic Information, Manufacturing Base and Competitors

Table 166. Highvac Major Business

Table 167. Highvac Semiconductor Waste Gas Abatement Systems Product and Services

Table 168. Highvac Semiconductor Waste Gas Abatement Systems Production (Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2021-2026)

Table 169. Highvac Recent Developments/Updates

Table 170. Highvac Competitive Strengths & Weaknesses

Table 171. Nippon Sanso (Mitsubishi Chemical) Basic Information, Manufacturing Base and Competitors

Table 172. Nippon Sanso (Mitsubishi Chemical) Major Business

Table 173. Nippon Sanso (Mitsubishi Chemical) Semiconductor Waste Gas Abatement Systems Product and Services

Table 174. Nippon Sanso (Mitsubishi Chemical) Semiconductor Waste Gas Abatement Systems Production (Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2021-2026)

Table 175. Nippon Sanso (Mitsubishi Chemical) Recent Developments/Updates

Table 176. Nippon Sanso (Mitsubishi Chemical) Competitive Strengths & Weaknesses

Table 177. Anguil Environmental Systems Basic Information, Manufacturing Base and

Competitors

Table 178. Anguil Environmental Systems Major Business

Table 179. Anguil Environmental Systems Semiconductor Waste Gas Abatement Systems Product and Services

Table 180. Anguil Environmental Systems Semiconductor Waste Gas Abatement Systems Production (Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2021-2026)

Table 181. Anguil Environmental Systems Recent Developments/Updates

Table 182. Anguil Environmental Systems Competitive Strengths & Weaknesses

Table 183. Wuxi Haileide Intelligent Technology Basic Information, Manufacturing Base and Competitors

Table 184. Wuxi Haileide Intelligent Technology Major Business

Table 185. Wuxi Haileide Intelligent Technology Semiconductor Waste Gas Abatement Systems Product and Services

Table 186. Wuxi Haileide Intelligent Technology Semiconductor Waste Gas Abatement Systems Production (Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2021-2026)

Table 187. Wuxi Haileide Intelligent Technology Recent Developments/Updates

Table 188. Wuxi Haileide Intelligent Technology Competitive Strengths & Weaknesses

Table 189. Shanghai Gaosheng Integrated Circuit Equipment Basic Information, Manufacturing Base and Competitors

Table 190. Shanghai Gaosheng Integrated Circuit Equipment Major Business

Table 191. Shanghai Gaosheng Integrated Circuit Equipment Semiconductor Waste Gas Abatement Systems Product and Services

Table 192. Shanghai Gaosheng Integrated Circuit Equipment Semiconductor Waste Gas Abatement Systems Production (Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2021-2026)

Table 193. Shanghai Gaosheng Integrated Circuit Equipment Recent Developments/Updates

Table 194. Shanghai Gaosheng Integrated Circuit Equipment Competitive Strengths & Weaknesses

Table 195. Gaopin Tech Basic Information, Manufacturing Base and Competitors

Table 196. Gaopin Tech Major Business

Table 197. Gaopin Tech Semiconductor Waste Gas Abatement Systems Product and Services

Table 198. Gaopin Tech Semiconductor Waste Gas Abatement Systems Production (Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2021-2026)

Table 199. Gaopin Tech Recent Developments/Updates

Table 200. Gaopin Tech Competitive Strengths & Weaknesses

Table 201. PNC Process Systems Basic Information, Manufacturing Base and Competitors

Table 202. PNC Process Systems Major Business

Table 203. PNC Process Systems Semiconductor Waste Gas Abatement Systems Product and Services

Table 204. PNC Process Systems Semiconductor Waste Gas Abatement Systems Production (Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2021-2026)

Table 205. PNC Process Systems Recent Developments/Updates

Table 206. PNC Process Systems Competitive Strengths & Weaknesses

Table 207. Resonac (formerly Showa Denko) Basic Information, Manufacturing Base and Competitors

Table 208. Resonac (formerly Showa Denko) Major Business

Table 209. Resonac (formerly Showa Denko) Semiconductor Waste Gas Abatement Systems Product and Services

Table 210. Resonac (formerly Showa Denko) Semiconductor Waste Gas Abatement Systems Production (Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2021-2026)

Table 211. Resonac (formerly Showa Denko) Recent Developments/Updates

Table 212. Resonac (formerly Showa Denko) Competitive Strengths & Weaknesses

Table 213. Global Key Players of Semiconductor Waste Gas Abatement Systems Upstream (Raw Materials)

Table 214. Global Semiconductor Waste Gas Abatement Systems Typical Customers

Table 215. Semiconductor Waste Gas Abatement Systems Typical Distributors

List Of Figures

LIST OF FIGURES

- Figure 1. Semiconductor Waste Gas Abatement Systems Picture
- Figure 2. World Semiconductor Waste Gas Abatement Systems Production Value: 2021 & 2025 & 2032, (USD Million)
- Figure 3. World Semiconductor Waste Gas Abatement Systems Production Value and Forecast (2021-2032) & (USD Million)
- Figure 4. World Semiconductor Waste Gas Abatement Systems Production (2021-2032) & (Units)
- Figure 5. World Semiconductor Waste Gas Abatement Systems Average Price (2021-2032) & (US\$/Unit)
- Figure 6. World Semiconductor Waste Gas Abatement Systems Production Value Market Share by Region (2021-2032)
- Figure 7. World Semiconductor Waste Gas Abatement Systems Production Market Share by Region (2021-2032)
- Figure 8. North America Semiconductor Waste Gas Abatement Systems Production (2021-2032) & (Units)
- Figure 9. Europe Semiconductor Waste Gas Abatement Systems Production (2021-2032) & (Units)
- Figure 10. China Semiconductor Waste Gas Abatement Systems Production (2021-2032) & (Units)
- Figure 11. Japan Semiconductor Waste Gas Abatement Systems Production (2021-2032) & (Units)
- Figure 12. South Korea Semiconductor Waste Gas Abatement Systems Production (2021-2032) & (Units)
- Figure 13. Semiconductor Waste Gas Abatement Systems Market Drivers
- Figure 14. Factors Affecting Demand
- Figure 15. World Semiconductor Waste Gas Abatement Systems Consumption (2021-2032) & (Units)
- Figure 16. World Semiconductor Waste Gas Abatement Systems Consumption Market Share by Region (2021-2032)
- Figure 17. United States Semiconductor Waste Gas Abatement Systems Consumption (2021-2032) & (Units)
- Figure 18. China Semiconductor Waste Gas Abatement Systems Consumption (2021-2032) & (Units)
- Figure 19. Europe Semiconductor Waste Gas Abatement Systems Consumption (2021-2032) & (Units)

Figure 20. Japan Semiconductor Waste Gas Abatement Systems Consumption (2021-2032) & (Units)

Figure 21. South Korea Semiconductor Waste Gas Abatement Systems Consumption (2021-2032) & (Units)

Figure 22. ASEAN Semiconductor Waste Gas Abatement Systems Consumption (2021-2032) & (Units)

Figure 23. India Semiconductor Waste Gas Abatement Systems Consumption (2021-2032) & (Units)

Figure 24. Producer Shipments of Semiconductor Waste Gas Abatement Systems by Manufacturer Revenue (\$MM) and Market Share (%): 2025

Figure 25. Global Four-firm Concentration Ratios (CR4) for Semiconductor Waste Gas Abatement Systems Markets in 2025

Figure 26. Global Four-firm Concentration Ratios (CR8) for Semiconductor Waste Gas Abatement Systems Markets in 2025

Figure 27. United States VS China: Semiconductor Waste Gas Abatement Systems Production Value Market Share Comparison (2021 & 2025 & 2032)

Figure 28. United States VS China: Semiconductor Waste Gas Abatement Systems Production Market Share Comparison (2021 & 2025 & 2032)

Figure 29. United States VS China: Semiconductor Waste Gas Abatement Systems Consumption Market Share Comparison (2021 & 2025 & 2032)

Figure 30. United States Based Manufacturers Semiconductor Waste Gas Abatement Systems Production Market Share 2025

Figure 31. China Based Manufacturers Semiconductor Waste Gas Abatement Systems Production Market Share 2025

Figure 32. Rest of World Based Manufacturers Semiconductor Waste Gas Abatement Systems Production Market Share 2025

Figure 33. World Semiconductor Waste Gas Abatement Systems Production Value by Technology, (USD Million), 2021 & 2025 & 2032

Figure 34. World Semiconductor Waste Gas Abatement Systems Production Value Market Share by Technology in 2025

Figure 35. Combustion-wash Type

Figure 36. Dry Type

Figure 37. Catalytic Type

Figure 38. Wet Type

Figure 39. Plasma-wet Type

Figure 40. Others

Figure 41. World Semiconductor Waste Gas Abatement Systems Production Market Share by Technology (2021-2032)

Figure 42. World Semiconductor Waste Gas Abatement Systems Production Value

Market Share by Technology (2021-2032)

Figure 43. World Semiconductor Waste Gas Abatement Systems Average Price by Technology (2021-2032) & (US\$/Unit)

Figure 44. World Semiconductor Waste Gas Abatement Systems Production Value by Deployment, (USD Million), 2021 & 2025 & 2032

Figure 45. World Semiconductor Waste Gas Abatement Systems Production Value Market Share by Deployment in 2025

Figure 46. Integrated Type

Figure 47. Standalone Type

Figure 48. World Semiconductor Waste Gas Abatement Systems Production Market Share by Deployment (2021-2032)

Figure 49. World Semiconductor Waste Gas Abatement Systems Production Value Market Share by Deployment (2021-2032)

Figure 50. World Semiconductor Waste Gas Abatement Systems Average Price by Deployment (2021-2032) & (US\$/Unit)

Figure 51. World Semiconductor Waste Gas Abatement Systems Production Value by End-use Manufacturing, (USD Million), 2021 & 2025 & 2032

Figure 52. World Semiconductor Waste Gas Abatement Systems Production Value Market Share by End-use Manufacturing in 2025

Figure 53. Logic/Wafer Foundry

Figure 54. DRAM/HBM

Figure 55. 3D NAND

Figure 56. Photovoltaics

Figure 57. Display Panel

Figure 58. LED/Compound Optoelectronics

Figure 59. Others

Figure 60. Others

Figure 61. World Semiconductor Waste Gas Abatement Systems Production Market Share by End-use Manufacturing (2021-2032)

Figure 62. World Semiconductor Waste Gas Abatement Systems Production Value Market Share by End-use Manufacturing (2021-2032)

Figure 63. World Semiconductor Waste Gas Abatement Systems Average Price by End-use Manufacturing (2021-2032) & (US\$/Unit)

Figure 64. World Semiconductor Waste Gas Abatement Systems Production Value by Process, (USD Million), 2021 & 2025 & 2032

Figure 65. World Semiconductor Waste Gas Abatement Systems Production Value Market Share by Process in 2025

Figure 66. Plasma Etching

Figure 67. CVD and ALD

Figure 68. EPI

Figure 69. Ion Implantation

Figure 70. Others

Figure 71. World Semiconductor Waste Gas Abatement Systems Production Market Share by Process (2021-2032)

Figure 72. World Semiconductor Waste Gas Abatement Systems Production Value Market Share by Process (2021-2032)

Figure 73. World Semiconductor Waste Gas Abatement Systems Average Price by Process (2021-2032) & (US\$/Unit)

Figure 74. Semiconductor Waste Gas Abatement Systems Industry Chain

Figure 75. Semiconductor Waste Gas Abatement Systems Procurement Model

Figure 76. Semiconductor Waste Gas Abatement Systems Sales Model

Figure 77. Semiconductor Waste Gas Abatement Systems Sales Channels, Direct Sales, and Distribution

Figure 78. Methodology

Figure 79. Research Process and Data Source

I would like to order

Product name: Global Semiconductor Waste Gas Abatement Systems Supply, Demand and Key Producers, 2026-2032

Product link: <https://marketpublishers.com/r/G7CA642A5368EN.html>

Price: US\$ 4,480.00 (Single User License / Electronic Delivery)

If you want to order Corporate License or Hard Copy, please, contact our Customer Service:

info@marketpublishers.com

Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <https://marketpublishers.com/r/G7CA642A5368EN.html>