

# Global Semiconductor Waste Gas Abatement Systems Market Growth 2025-2031

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## Abstracts

The global Semiconductor Waste Gas Abatement Systems market size is predicted to grow from US\$ 1576 million in 2025 to US\$ 2708 million in 2031; it is expected to grow at a CAGR of 9.4% from 2025 to 2031.

The impact of the latest U.S. tariff measures and the corresponding policy responses from countries worldwide on market competitiveness, regional economic performance, and supply chain configurations will be comprehensively evaluated in this report.

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 Semiconductor Waste Gas Treatment System market is witnessing significant growth due to the increasing demand for semiconductors across various industries. This equipment is used for treating the waste gas generated during the semiconductor manufacturing process, ensuring compliance with environmental regulations. The market is expected to witness positive growth trends in the coming years, driven by advancements in semiconductor technology and the growing focus on sustainable manufacturing practices. Additionally, the adoption of stringent environmental norms by governments is further fueling the demand for waste gas treatment equipment. The future outlook for the Pan-Semiconductor Process Waste Gas Treatment Equipment market remains promising, with opportunities for expansion and innovation.

LP Information, Inc. (LPI) ' newest research report, the “Semiconductor Waste Gas Abatement Systems Industry Forecast” looks at past sales and reviews total world Semiconductor Waste Gas Abatement Systems sales in 2024, providing a comprehensive analysis by region and market sector of projected Semiconductor Waste Gas Abatement Systems sales for 2025 through 2031. With Semiconductor Waste Gas Abatement Systems sales broken down by region, market sector and sub-sector, this report provides a detailed analysis in US\$ millions of the world Semiconductor Waste Gas Abatement Systems industry.

This Insight Report provides a comprehensive analysis of the global Semiconductor Waste Gas Abatement Systems landscape and highlights key trends related to product segmentation, company formation, revenue, and market share, latest development, and M&A activity. This report also analyzes the strategies of leading global companies with a focus on Semiconductor Waste Gas Abatement Systems portfolios and capabilities, market entry strategies, market positions, and geographic footprints, to better understand these firms' unique position in an accelerating global Semiconductor Waste Gas Abatement Systems market.

This Insight Report evaluates the key market trends, drivers, and affecting factors shaping the global outlook for Semiconductor Waste Gas Abatement Systems and breaks down the forecast by Type, by Application, geography, and market size to highlight emerging pockets of opportunity. With a transparent methodology based on hundreds of bottom-up qualitative and quantitative market inputs, this study forecast offers a highly nuanced view of the current state and future trajectory in the global Semiconductor Waste Gas Abatement Systems.

This report presents a comprehensive overview, market shares, and growth opportunities of Semiconductor Waste Gas Abatement Systems market by product type, application, key manufacturers and key regions and countries.

Segmentation by Type:

Combustion-wash Type

Dry Type

Catalytic Type

Wet Type

Plasma-wet Type

Others

Segmentation by Application:

Plasma Etching

CVD and ALD

EPI

Ion Implantation

Others

This report also splits the market by region:

Americas

United States

Canada

Mexico

Brazil

APAC

China

Japan

Korea

Southeast Asia

India

Australia

Europe

Germany

France

UK

Italy

Russia

Middle East & Africa

Egypt

South Africa

Israel

Turkey

GCC Countries

The below companies that are profiled have been selected based on inputs gathered from primary experts and analysing the company's coverage, product portfolio, its market penetration.

Ebara

Atlas Copco (Edwards and CSK brands)

GST (Global Standard Technology)

Shanghai Shengjian Technology

Busch Group

DAS Environmental Expert

CS Clean Solutions

Kanken Techno

Beijing Jingyi Automation Equipment

Ecosys Abatement

CECO Environmental

Highvac

Nippon Sanso (Mitsubishi Chemical)

Anguil Environmental Systems

Resonac (formerly Showa Denko)

#### Key Questions Addressed in this Report

What is the 10-year outlook for the global Semiconductor Waste Gas Abatement Systems market?

What factors are driving Semiconductor Waste Gas Abatement Systems market growth, globally and by region?

Which technologies are poised for the fastest growth by market and region?

How do Semiconductor Waste Gas Abatement Systems market opportunities vary by end market size?

How does Semiconductor Waste Gas Abatement Systems break out by Type, by Application?

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