

Global Flue Gas Treatment Systems Market Valued at US\$ 63.0 Million in 2023 Projected to Reach US\$ 104.9 Million by 2032

Flue Gas Treatment Systems Market Expected to Grow at a CAGR of 5.83% During the Forecast Period 2024-2032

CHICAGO, UNITED STATES, August 29, 2024

/EINPresswire.com/ -- The global [flue gas treatment systems market](#), valued at US\$ 63.0 million in 2023, is set for substantial growth over the coming years. According to industry projections, the market is anticipated to reach a valuation of US\$ 104.9 million by 2032, expanding at a compound annual growth rate (CAGR) of 5.83% during the forecast period.

For more information, visit <https://www.astuteanalytica.com/request-sample/flue-gas-treatment-systems-market>



Flue gas treatment systems play a critical role in reducing harmful emissions from industrial processes, thereby contributing to environmental protection and regulatory compliance. The increasing focus on environmental sustainability, coupled with stringent government regulations on emissions, is driving the demand for advanced flue gas treatment solutions across various industries.

As industries continue to prioritize reducing their carbon footprint and adhere to environmental standards, the demand for efficient flue gas treatment systems is expected to rise steadily. This growth trajectory underscores the importance of innovation and technological advancements in the sector, offering significant opportunities for market players to expand their presence and capabilities.

For more information, visit:

Market Valuation (2023): US\$ 63.0 million

Market Valuation (2032): US\$ 104.9 million

Report: 5.83% (2024–2032)

Market Size and Growth

Report: The global market for flue gas treatment systems is projected to grow at a CAGR of 5.83% from 2024 to 2032, reaching a market size of approximately \$1.2 billion by 2032.

The industrial sectors are progressively adopting advanced emission control technologies to mitigate the environmental impact of their operations. This trend is driven by the need to comply with stringent regulations and the growing awareness of sustainability. For instance, the global market for selective catalytic reduction (SCR) systems, a popular emission control technology, was valued at over \$5.6 billion in 2023. In the same year, the installation of flue gas desulfurization (FGD) systems in new power plants reached 1,200 units globally.

The adoption of electrostatic precipitators (ESP) is also on the rise across the global flue gas treatment systems market, with sales reaching 80,000 units worldwide in 2023. Additionally, the market for activated carbon injection (ACI) systems, used to control mercury emissions, was valued at \$1.4 billion in the same year. Baghouse filters, another crucial technology, saw an installation of 150,000 units in industrial facilities globally in 2023. In China, the number of industries adopting advanced emission control technologies increased by 15,000 units in 2023. The European Union saw a rise in the installation of low NOx burners, with 2,500 units added in 2023. The United States reported the deployment of 500 new dry sorbent injection (DSI) systems in the same year. Furthermore, Japan's adoption of carbon capture and storage (CCS) technologies in industrial applications reached 20 new projects in 2023. India saw a surge in the installation of wet scrubbers, with 1,800 units added to its industrial base in 2023. These statistics highlight the global shift towards advanced emission control technologies, driven by regulatory requirements and the push for sustainability.

Key Market Segments and Regional Analysis

- General Electric
- Mitsubishi Hitachi systems
- Doosan Lenties
- Babcock & Wilcox Enterprises
- Clyde Bergemann Power Group
- FLSmidth
- Marsulex Environmental Technologies
- Thermax
- Other Prominent Players

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- Flue Gas Desulfurization (FGD) Systems
- DeNOX Systems
- Particulate Control Systems
- Mercury Control Systems
- Others

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- Wet
- Semi-wet
- Dry

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- Industrial Boilers
- Power
- Chemical & Petrochemical
- Iron & Steel
- Non-Ferrous metal
- Cement
- Waste Treatment

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- North America
 - o The U.S.
 - o Canada
 - o Mexico
- Europe
 - o Western Europe
 - U.K.
 - Germany
 - France
 - Spain
 - Italy
 - Rest of Western Europe
 - o Eastern Europe
 - Poland

- Russia
- Rest of Eastern Europe
- Asia Pacific
 - o China
 - o India
 - o Japan
 - o Australia & New Zealand
 - o ASEAN
 - o Rest of Asia Pacific
- Middle East & Africa (MEA)
 - o UAE
 - o Saudi Arabia
 - o South Africa
 - o Rest of MEA
- South America
 - o Argentina
 - o Brazil
 - o Rest of South America

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