

Industrial Emission Control Systems Market: Global Industry Trends, Share, Size, Growth, Opportunity and Forecast 2023-2028

<https://marketpublishers.com/r/I231B695848AEN.html>

Date: July 2023

Pages: 138

Price: US\$ 2,499.00 (Single User License)

ID: I231B695848AEN

Abstracts

Market Overview:

The global industrial emission control systems market size reached US\$ 20.3 Billion in 2022. Looking forward, IMARC Group expects the market to reach US\$ 31.3 Billion by 2028, exhibiting a growth rate (CAGR) of 7.29% during 2023-2028.

The industrial emission control system refers to a set of devices and equipment that work toward monitoring and decreasing different harmful substances that are released during industrial processes. Industrial activities, ranging from incineration and waste management to the manufacturing of cement and electricity, emit various substances that cause disturbance in the ecological balance. These substances include dust, mercury, sulfur oxides, ammonium, and nitrogen oxides. Some of the most common industrial emission control systems include aerosol separator systems, cooling columns, absorption columns, and gas scrubbers. Industrial sectors use this equipment to convert harmful elements into carbon dioxide and water vapor, which can be safely released into the environment.

Industrial Emission Control Systems Market Trends:

The rapid upgradation of industrial processes is primarily driving the industrial emission control systems market growth. The growth of the market is further being supported by the increasing establishment of coal-based plants, steel mills, and power stations across the globe. Other than this, the emergence of the industrial Internet-of-Things (IoT) (Industry 4.0) has led market players to embed various technological advancements into emission control systems. For instance, key market players have introduced emission control systems that offer light scatter sensors to measure

particulate matter (PM) emissions. Additionally, these sensors can be fitted with automated self-diagnostic checks that provide a warning of particulate changes and an increase in dust loadings. Moreover, governments across the globe have been implementing stringent regulations to control the rising levels of carbon emissions across the industrial sector, which is creating a positive outlook for the market.

Key Market Segmentation:

IMARC Group provides an analysis of the key trends in each sub-segment of the global industrial emission control systems market report, along with forecasts at the global, regional and country level from 2023-2028. Our report has categorized the market based on equipment type and emission source.

Breakup by Equipment Type:

- Electrostatic Precipitators
- Fabric Filters
- Scrubbers
- Cyclone Separators
- Thermal Oxidizers
- Catalytic Reactors
- Others

Breakup by Emission Source:

- Power Generation
- Cement
- Chemical and Petrochemical
- Pulp and Paper
- Manufacturing
- Mining and Metals
- Others

Breakup by Region:

- North America
- United States
- Canada

Asia-Pacific

China

Japan

India

South Korea

Australia

Indonesia

Others

Europe

Germany

France

United Kingdom

Italy

Spain

Russia

Others

Latin America

Brazil

Mexico

Others

Middle East and Africa

Competitive Landscape:

The competitive landscape of the industry has also been examined along with the profiles of the key players being Air Clear LLC, Babcock & Wilcox Enterprises Inc., BASF SE, CECO Environmental, Ducon Environmental Systems Inc., Durr AG, Fujian Longking Co. Ltd., General Electric Company, Hamon Group, John Wood Group PLC, Mitsubishi Heavy Industries Ltd. and Thermax Limited.

Key Questions Answered in This Report

1. How big is the global industrial emission control systems market?
2. What is the expected growth rate of the global industrial emission control systems market during 2023-2028?
3. What are the key factors driving the global industrial emission control systems market?
4. What has been the impact of COVID-19 on the global industrial emission control systems market?
5. What is the breakup of the global industrial emission control systems market based

on the equipment type?

6. What is the breakup of the global industrial emission control systems market based on the emission source?

7. What are the key regions in the global industrial emission control systems market?

8. Who are the key players/companies in the global industrial emission control systems market?

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