+357 96 030922
info@marketpublishers.com

# Global Combustion Controls, Equipments & Systems Market Size Study & Forecast, by Product (Components, Thermal Oxidizers, and Incinerators), by Application (Process Industries, Metallurgy, and Cement Industry) and Regional Forecasts 2025–2035

https://marketpublishers.com/r/G469470E5AF5EN.html
Date: October 2025
Pages: 285
Price: US$ 3,750.00 (Single User License)
ID: G469470E5AF5EN

## Abstracts

The Global Combustion Controls, Equipments & Systems Market is valued approximately at USD 0.15 billion in 2024 and is anticipated to grow with a CAGR of more than 4.61% over the forecast period 2025–2035. Combustion control systems are essential solutions designed to regulate and optimize the burning process in industrial furnaces, boilers, and incinerators, ensuring efficient energy use while minimizing harmful emissions. These systems integrate advanced sensors, monitoring components, and control mechanisms that enable precise management of fuel-air ratios and thermal efficiency. Rising global focus on sustainability and stricter emission standards across heavy industries are pivotal forces driving the market. The surge in energy demand from process industries and the modernization of aging industrial infrastructure are also catalyzing market growth, as industries increasingly adopt advanced combustion technologies to meet stringent operational and environmental compliance norms.

The market’s upward trajectory is further reinforced by the adoption of automation and digital control technologies that enhance system performance and safety. As industries transition towards low-carbon manufacturing, the demand for combustion control equipment capable of optimizing fuel efficiency and reducing operational costs has surged. According to the International Energy Agency (IEA), industrial combustion accounts for a significant portion of global CO? emissions, underscoring the importance of efficient systems in mitigating climate impacts. In addition, ongoing advancements in thermal oxidizers and incineration technologies have opened new avenues for the

+357 96 030922
info@marketpublishers.com

management of industrial waste and volatile organic compounds (VOCs). However, the high cost of installation, coupled with the complex integration of combustion control equipment into legacy systems, is expected to challenge market expansion during the forecast period.

The detailed segments and sub-segments included in the report are:

By Product:

Components

Thermal Oxidizers

Incinerators

By Application:

Process Industries

Metallurgy

Cement Industry

By Region:

North America

U.S.

Canada

Europe

UK

Germany

+357 96 030922
info@marketpublishers.com

- France
- Spain
- Italy
- Rest of Europe

Asia Pacific

- China
- India
- Japan
- Australia
- South Korea
- Rest of Asia Pacific

Latin America

- Brazil
- Mexico

Middle East & Africa

- UAE
- Saudi Arabia
- South Africa

+357 96 030922
info@marketpublishers.com

Rest of Middle East & Africa

Components Segment Expected to Dominate the Market

Components—such as burners, valves, pressure regulators, and flame detectors—are anticipated to dominate the market over the forecast period. Their critical role in maintaining combustion efficiency and ensuring safety compliance has positioned them as indispensable across industrial applications. The growing deployment of smart sensors and automated control systems has revolutionized how industries monitor temperature, pressure, and emission levels in real time, driving adoption across the board. Additionally, the trend toward energy optimization and carbon reduction has amplified investments in advanced control components that improve process efficiency and minimize heat loss. The versatility of these components across diverse sectors, including cement, metallurgy, and chemicals, further consolidates their market dominance.

Thermal Oxidizers Lead in Revenue Contribution

Among product categories, thermal oxidizers currently lead the market in terms of revenue contribution. Their ability to effectively treat and neutralize hazardous air pollutants (HAPs) and VOCs from industrial exhaust streams has made them a mainstay in pollution control. Industries such as chemical processing, oil and gas refining, and waste management extensively rely on thermal oxidizers to comply with tightening emission regulations. The ongoing integration of automation and IoT-based controls within these systems allows for higher combustion efficiency, lower fuel usage, and reduced operational costs, reinforcing their market leadership. While incinerators continue to play a critical role in waste treatment and energy recovery, thermal oxidizers are projected to maintain their edge, fueled by their growing adoption in sustainable manufacturing and clean energy operations.

The key regions considered for the Global Combustion Controls, Equipments & Systems Market study include Asia Pacific, North America, Europe, Latin America, and the Middle East & Africa. North America currently holds the largest market share, underpinned by the presence of mature process industries, robust environmental regulations, and consistent investment in industrial modernization. The region’s stringent emission control standards have accelerated the integration of advanced combustion systems across manufacturing, petrochemical, and energy sectors.

+357 96 030922
info@marketpublishers.com

Meanwhile, Asia Pacific is projected to witness the fastest growth during the forecast period, driven by rapid industrialization, surging energy consumption, and increased focus on reducing industrial emissions in countries such as China, India, and Japan. Moreover, government-backed initiatives promoting clean industrial technologies, coupled with expanding cement and metallurgical operations, are expected to further stimulate market demand across the region.

Major market players included in this report are:

ABB Ltd.

Siemens AG

Emerson Electric Co.

Honeywell International Inc.

Mitsubishi Heavy Industries Ltd.

Thermax Limited

Forney Corporation

Alfa Laval AB

General Electric Company

Yokogawa Electric Corporation

Fives Group

Adwest Technologies, Inc.

Ametek, Inc.

John Zink Hamworthy Combustion LLC

Ducon Technologies Inc.

+357 96 030922
info@marketpublishers.com

Global Combustion Controls, Equipments & Systems Market Report Scope:

Historical Data – 2023, 2024

Base Year for Estimation – 2024

Forecast period – 2025–2035

Report Coverage – Revenue forecast, Company Ranking, Competitive Landscape, Growth factors, and Trends

Regional Scope – North America; Europe; Asia Pacific; Latin America; Middle East & Africa

Customization Scope – Free report customization (equivalent to up to 8 analysts' working hours) with purchase. Addition or alteration to country, regional & segment scope*

The objective of the study is to define market sizes of different segments & countries in recent years and to forecast the values for the coming years. The report is designed to incorporate both qualitative and quantitative aspects of the industry within the countries involved in the study. The report also provides detailed information about crucial aspects, such as driving factors and challenges, which will define the future growth of the market. Additionally, it incorporates potential opportunities in micro-markets for stakeholders to invest, along with a detailed analysis of the competitive landscape and product offerings of key players. The detailed segments and sub-segments of the market are explained below:

Key Takeaways:

Market Estimates & Forecast for 10 years from 2025 to 2035.

Annualized revenues and regional-level analysis for each market segment.

Detailed analysis of the geographical landscape with country-level analysis of major regions.

Competitive landscape with information on major players in the market.

+357 96 030922
info@marketpublishers.com

Analysis of key business strategies and recommendations on future market approach.

Analysis of the competitive structure of the market.

Demand side and supply side analysis of the market.

+357 96 030922
info@marketpublishers.com

# Contents

+357 96 030922
info@marketpublishers.com

## CHAPTER 4. GLOBAL COMBUSTION CONTROLS, EQUIPMENTS & SYSTEMS INDUSTRY ANALYSIS



## CHAPTER 5. GLOBAL COMBUSTION CONTROLS, EQUIPMENTS & SYSTEMS MARKET SIZE & FORECASTS BY PRODUCT 2025-2035

+357 96 030922
info@marketpublishers.com

## CHAPTER 6. GLOBAL COMBUSTION CONTROLS, EQUIPMENTS & SYSTEMS MARKET SIZE & FORECASTS BY APPLICATION 2025-2035



## CHAPTER 7. GLOBAL COMBUSTION CONTROLS, EQUIPMENTS & SYSTEMS MARKET SIZE & FORECASTS BY REGION 2025–2035

+357 96 030922
info@marketpublishers.com

+357 96 030922
info@marketpublishers.com



## CHAPTER 8. COMPETITIVE INTELLIGENCE

+357 96 030922
info@marketpublishers.com

# List Of Tables

## LIST OF TABLES

+357 96 030922
info@marketpublishers.com

+357 96 030922
info@marketpublishers.com

# List Of Figures

## LIST OF FIGURES

+357 96 030922
info@marketpublishers.com

## I would like to order

Product name: Global Combustion Controls, Equipments & Systems Market Size Study & Forecast, by Product (Components, Thermal Oxidizers, and Incinerators), by Application (Process Industries, Metallurgy, and Cement Industry) and Regional Forecasts 2025–2035

Product link: https://marketpublishers.com/r/G469470E5AF5EN.html

Price: US$ 3,750.00 (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/G469470E5AF5EN.html