

Emission Monitoring System - Global Market Outlook (2020-2028)

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Abstracts

According to Statistics MRC, the Global Emission Monitoring System (EMS) market is accounted for \$2.60 billion in 2020 and is expected to reach \$4.81 billion by 2028 growing at a CAGR of 8.0% during the forecast period. Growing demand from oil and gas and power generation industries, high dependency of countries worldwide on coal-fired power plants to generate electricity and increased need for environmental protection are the major factors driving the market growth. However, high cost of continuous emission monitoring systems is restraining the market growth.

Emission monitoring systems are the type of devices which are used for monitoring the emission and pollutions in the environment so that the correct guidelines for emission control. It monitors the various pollutant materials from the flue gas. They are currently employed as a standard for pollution control.

Based on offering, the hardware segment accounted for considerable market share during the forecast period due to usage in both continuous emission monitoring system (CEMS) and predictive emissions monitoring system (PEMS) to collect emissions data. The CEMS functions through its hardware components, whereas the PEMS is a software-powered system and uses hardware components like sensors to predict gas emissions. Hardware-based continuous emission monitoring systems increase the demand for hardware devices as the majority of plants have installed continuous emission monitoring systems. By geography, Asia Pacific held largest market share during forecast period due to the growing power generation and chemicals -use industries, which are the key users of emission monitoring systems, in the region.

Some of the key players profiled in the Emission Monitoring System (EMS) Market include ABB Ltd., AMETEK Inc., Emerson Electric Co., General Electric Co., Parker-

Hannifin Corp., Rockwell Automation Inc., Sick AG, Siemens AG, Teledyne Technologies Inc. and Thermo Fisher Scientific Inc.

System Types Covered:

Continuous Emission Monitoring System (CEMS)

Predictive Emission Monitoring System (PEMS)

Emission Types Covered:

Ammonia

Carbon Dioxide

Carbon Monoxide

Hydrocarbons

Hydrogen Sulphide

Nitrogen Oxide

Oxygen

Offerings Covered:

Hardware

Software

Service

End Users Covered:

Building Materials

Cement

Chemicals, Petrochemicals, Refineries, & Fertilizers

Electronics

Food & Beverage

Healthcare

Iron & Steel

Marine & Shipping

Metals

Mining

Oil & Gas

Pharmaceuticals

Power Generation & Combustion

Pulp & Paper

Waste Incineration

Vehicles

Regions Covered:

North America

US

Canada

Mexico

Europe

Germany

UK

Italy

France

Spain

Rest of Europe

Asia Pacific

Japan

China

India

Australia

New Zealand

South Korea

Rest of Asia Pacific

South America

Argentina

Brazil

Chile

Rest of South America

Middle East & Africa

Saudi Arabia

UAE

Qatar

South Africa

Rest of Middle East & Africa

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Market estimations, Forecasts and CAGR of any prominent country as per the client's interest (Note: Depends on feasibility check)

Competitive Benchmarking

Benchmarking of key players based on product portfolio, geographical presence, and strategic alliances

Contents

1 EXECUTIVE SUMMARY

2 PREFACE

- 2.1 Abstract
- 2.2 Stake Holders
- 2.3 Research Scope
- 2.4 Research Methodology
 - 2.4.1 Data Mining
 - 2.4.2 Data Analysis
 - 2.4.3 Data Validation
 - 2.4.4 Research Approach
- 2.5 Research Sources
 - 2.5.1 Primary Research Sources
 - 2.5.2 Secondary Research Sources
 - 2.5.3 Assumptions

3 MARKET TREND ANALYSIS

- 3.1 Introduction
- 3.2 Drivers
- 3.3 Restraints
- 3.4 Opportunities
- 3.5 Threats
- 3.6 End User Analysis
- 3.7 Emerging Markets
- 3.8 Futuristic Market Scenario

4 PORTERS FIVE FORCE ANALYSIS

- 4.1 Bargaining power of suppliers
- 4.2 Bargaining power of buyers
- 4.3 Threat of substitutes
- 4.4 Threat of new entrants
- 4.5 Competitive rivalry

5 GLOBAL EMISSION MONITORING SYSTEM (EMS) MARKET, BY SYSTEM TYPE

- 5.1 Introduction
- 5.2 Continuous Emission Monitoring System (CEMS)
- 5.3 Predictive Emission Monitoring System (PEMS)

6 GLOBAL EMISSION MONITORING SYSTEM (EMS) MARKET, BY EMISSION TYPE

- 6.1 Introduction
- 6.2 Ammonia
- 6.3 Carbon Dioxide
- 6.4 Carbon Monoxide
- 6.5 Hydrocarbons
- 6.6 Hydrogen Sulphide
- 6.7 Nitrogen Oxide
- 6.8 Oxygen

7 GLOBAL EMISSION MONITORING SYSTEM (EMS) MARKET, BY OFFERING

- 7.1 Introduction
- 7.2 Hardware
 - 7.2.1 Gas Analyzers
 - 7.2.2 Gas Sampling Systems
 - 7.2.3 Flow And Opacity Monitors
 - 7.2.4 Sample Probes
 - 7.2.5 Sample Lines
 - 7.2.6 Data Controllers
 - 7.2.7 Filters
 - 7.2.8 Hardware Mounting
 - 7.2.9 Workstation
 - 7.2.10 Sample Conditioning
 - 7.2.11 Data Acquisition System
- 7.3 Software
- 7.4 Service
 - 7.4.1 Installation
 - 7.4.2 Training
 - 7.4.3 Support & Maintenance
 - 7.4.4 Deployment

8 GLOBAL EMISSION MONITORING SYSTEM (EMS) MARKET, BY END USER

- 8.1 Introduction
- 8.2 Building Materials
- 8.3 Cement
- 8.4 Chemicals, Petrochemicals, Refineries & Fertilizers
- 8.5 Electronics
- 8.6 Food & Beverage
- 8.7 Healthcare
- 8.8 Iron & Steel
- 8.9 Marine & Shipping
- 8.10 Metals
- 8.11 Mining
- 8.12 Oil & Gas
- 8.13 Pharmaceuticals
- 8.14 Power Generation & Combustion
- 8.15 Pulp & Paper
- 8.16 Waste Incineration
- 8.17 Vehicles

9 GLOBAL EMISSION MONITORING SYSTEM (EMS) MARKET, BY GEOGRAPHY

- 9.1 Introduction
- 9.2 North America
 - 9.2.1 US
 - 9.2.2 Canada
 - 9.2.3 Mexico
- 9.3 Europe
 - 9.3.1 Germany
 - 9.3.2 UK
 - 9.3.3 Italy
 - 9.3.4 France
 - 9.3.5 Spain
 - 9.3.6 Rest of Europe
- 9.4 Asia Pacific
 - 9.4.1 Japan
 - 9.4.2 China
 - 9.4.3 India
 - 9.4.4 Australia

- 9.4.5 New Zealand
- 9.4.6 South Korea
- 9.4.7 Rest of Asia Pacific
- 9.5 South America
 - 9.5.1 Argentina
 - 9.5.2 Brazil
 - 9.5.3 Chile
 - 9.5.4 Rest of South America
- 9.6 Middle East & Africa
 - 9.6.1 Saudi Arabia
 - 9.6.2 UAE
 - 9.6.3 Qatar
 - 9.6.4 South Africa
 - 9.6.5 Rest of Middle East & Africa

10 KEY DEVELOPMENTS

- 10.1 Agreements, Partnerships, Collaborations and Joint Ventures
- 10.2 Acquisitions & Mergers
- 10.3 New Product Launch
- 10.4 Expansions
- 10.5 Other Key Strategies

11 COMPANY PROFILING

- 11.1 ABB Ltd.
- 11.2 AMETEK Inc.
- 11.3 Emerson Electric Co.
- 11.4 General Electric Co.
- 11.5 Parker-Hannifin Corp.
- 11.6 Rockwell Automation Inc.
- 11.7 Sick AG
- 11.8 Siemens AG
- 11.9 Teledyne Technologies Inc.
- 11.10 Thermo Fisher Scientific Inc.

List Of Tables

LIST OF TABLES

Table 1 Global Emission Monitoring System (EMS) Market Outlook, By Region (2019-2028) (US \$MN)

Table 2 Global Emission Monitoring System (EMS) Market Outlook, By System Type (2019-2028) (US \$MN)

Table 3 Global Emission Monitoring System (EMS) Market Outlook, By Continuous Emission Monitoring System (CEMS) (2019-2028) (US \$MN)

Table 4 Global Emission Monitoring System (EMS) Market Outlook, By Predictive Emission Monitoring System (PEMS) (2019-2028) (US \$MN)

Table 5 Global Emission Monitoring System (EMS) Market Outlook, By Emission Type (2019-2028) (US \$MN)

Table 6 Global Emission Monitoring System (EMS) Market Outlook, By Ammonia (2019-2028) (US \$MN)

Table 7 Global Emission Monitoring System (EMS) Market Outlook, By Carbon Dioxide (2019-2028) (US \$MN)

Table 8 Global Emission Monitoring System (EMS) Market Outlook, By Carbon Monoxide (2019-2028) (US \$MN)

Table 9 Global Emission Monitoring System (EMS) Market Outlook, By Hydrocarbons (2019-2028) (US \$MN)

Table 10 Global Emission Monitoring System (EMS) Market Outlook, By Hydrogen Sulphide (2019-2028) (US \$MN)

Table 11 Global Emission Monitoring System (EMS) Market Outlook, By Nitrogen Oxide (2019-2028) (US \$MN)

Table 12 Global Emission Monitoring System (EMS) Market Outlook, By Oxygen (2019-2028) (US \$MN)

Table 13 Global Emission Monitoring System (EMS) Market Outlook, By Offering (2019-2028) (US \$MN)

Table 14 Global Emission Monitoring System (EMS) Market Outlook, By Hardware (2019-2028) (US \$MN)

Table 15 Global Emission Monitoring System (EMS) Market Outlook, By Gas Analyzers (2019-2028) (US \$MN)

Table 16 Global Emission Monitoring System (EMS) Market Outlook, By Gas Sampling Systems (2019-2028) (US \$MN)

Table 17 Global Emission Monitoring System (EMS) Market Outlook, By Flow and Opacity Monitors (2019-2028) (US \$MN)

Table 18 Global Emission Monitoring System (EMS) Market Outlook, By Sample Probes

(2019-2028) (US \$MN)

Table 19 Global Emission Monitoring System (EMS) Market Outlook, By Sample Lines (2019-2028) (US \$MN)

Table 20 Global Emission Monitoring System (EMS) Market Outlook, By Data Controllers (2019-2028) (US \$MN)

Table 21 Global Emission Monitoring System (EMS) Market Outlook, By Filters (2019-2028) (US \$MN)

Table 22 Global Emission Monitoring System (EMS) Market Outlook, By Hardware Mounting (2019-2028) (US \$MN)

Table 23 Global Emission Monitoring System (EMS) Market Outlook, By Workstation (2019-2028) (US \$MN)

Table 24 Global Emission Monitoring System (EMS) Market Outlook, By Sample Conditioning (2019-2028) (US \$MN)

Table 25 Global Emission Monitoring System (EMS) Market Outlook, By Data Acquisition System (2019-2028) (US \$MN)

Table 26 Global Emission Monitoring System (EMS) Market Outlook, By Software (2019-2028) (US \$MN)

Table 27 Global Emission Monitoring System (EMS) Market Outlook, By Service (2019-2028) (US \$MN)

Table 28 Global Emission Monitoring System (EMS) Market Outlook, By Installation (2019-2028) (US \$MN)

Table 29 Global Emission Monitoring System (EMS) Market Outlook, By Training (2019-2028) (US \$MN)

Table 30 Global Emission Monitoring System (EMS) Market Outlook, By Support & Maintenance (2019-2028) (US \$MN)

Table 31 Global Emission Monitoring System (EMS) Market Outlook, By Deployment (2019-2028) (US \$MN)

Table 32 Global Emission Monitoring System (EMS) Market Outlook, By End User (2019-2028) (US \$MN)

Table 33 Global Emission Monitoring System (EMS) Market Outlook, By Building Materials (2019-2028) (US \$MN)

Table 34 Global Emission Monitoring System (EMS) Market Outlook, By Cement (2019-2028) (US \$MN)

Table 35 Global Emission Monitoring System (EMS) Market Outlook, By Chemicals, Petrochemicals, Refineries, & Fertilizers (2019-2028) (US \$MN)

Table 36 Global Emission Monitoring System (EMS) Market Outlook, By Electronics (2019-2028) (US \$MN)

Table 37 Global Emission Monitoring System (EMS) Market Outlook, By Food & Beverage (2019-2028) (US \$MN)

Table 38 Global Emission Monitoring System (EMS) Market Outlook, By Healthcare (2019-2028) (US \$MN)

Table 39 Global Emission Monitoring System (EMS) Market Outlook, By Iron & Steel (2019-2028) (US \$MN)

Table 40 Global Emission Monitoring System (EMS) Market Outlook, By Marine & Shipping (2019-2028) (US \$MN)

Table 41 Global Emission Monitoring System (EMS) Market Outlook, By Metals (2019-2028) (US \$MN)

Table 42 Global Emission Monitoring System (EMS) Market Outlook, By Mining (2019-2028) (US \$MN)

Table 43 Global Emission Monitoring System (EMS) Market Outlook, By Oil & Gas (2019-2028) (US \$MN)

Table 44 Global Emission Monitoring System (EMS) Market Outlook, By Pharmaceuticals (2019-2028) (US \$MN)

Table 45 Global Emission Monitoring System (EMS) Market Outlook, By Power Generation & Combustion (2019-2028) (US \$MN)

Table 46 Global Emission Monitoring System (EMS) Market Outlook, By Pulp & Paper (2019-2028) (US \$MN)

Table 47 Global Emission Monitoring System (EMS) Market Outlook, By Waste Incineration (2019-2028) (US \$MN)

Table 48 Global Emission Monitoring System (EMS) Market Outlook, By Vehicles (2019-2028) (US \$MN)

Note: Tables for North America, Europe, Asia Pacific, South America and Middle East & Africa are represented in the same manner as above.

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