

# **Air Quality Monitoring Market by Product Type (Indoor Monitors, Portable Monitors, Outdoor Monitors, and Others), by Pollutants (Chemical Pollutants, Physical Pollutants, and Biological Pollutants) for End Users (Oil & Gas, Power Generation Plants, Government Agencies & Academic Institutes, Commercial & Residential Users, and Others) - Global Industry Perspective, Comprehensive Analysis and forecast, 2017 - 2023**

<https://marketpublishers.com/r/A40377F3D51EN.html>

Date: March 2018

Pages: 110

Price: US\$ 4,899.00 (Single User License)

ID: A40377F3D51EN

## **Abstracts**

The report covers forecast and analysis for the air quality monitoring market on a global and regional level. The study provides historic data for 2015, 2016, and 2017 along with a forecast from 2018 to 2023 based on revenue (USD Billion). The study includes drivers and restraints for the air quality monitoring market along with the impact they have on the demand over the forecast period. Additionally, the report includes the study of opportunities available in the air quality monitoring market on a global level.

In order to give the users of this report a comprehensive view on the air quality monitoring market, we have included a detailed competitive scenario and product portfolio of key vendors. To understand the competitive landscape in the market, an analysis of Porter's five forces model for the air quality monitoring market has also been included. The study encompasses a market attractiveness analysis, wherein segments are benchmarked based on their market size, growth rate, and general attractiveness.

Air quality monitoring market is segmented on the basis of product type, pollutants, end users, and region. Product type segment consists of indoor monitors, portable monitors,

outdoor monitors, and others. Pollutant type segments included in this study are chemical pollutants, physical pollutants, and biological pollutants. End-user segments included in this study are oil gas, power generation plants, government agencies academic institutes, commercial residential users, and others. The regional segmentation includes the historic and forecast demand for air quality monitoring market in North America, Europe, Asia Pacific, Latin America and Middle East and Africa with its further bifurcation into major countries including U.S., Canada, Mexico, Poland, Russia, France, UK, Germany, South Korea, China, India, Japan, Brazil, and Argentina.

Key players profiled in air quality monitoring market include ThermFisher Scientific, Inc., Teledyne Technologies Inc., Siemens AG, Emerson Electric Co., General Electric Company, 3M Company, HORIBA, Ltd., MERCK KGaA, TSI, Inc., Servomex Group Ltd., TestAG, and others.

The report segments the air quality monitoring market into:

#### Global Air Quality Monitoring Market: Product Type Segment Analysis

Indoor Monitors

Portable Monitors

Outdoor Monitors

Others

#### Global Air Quality Monitoring Market: Pollutant Segment Analysis

Chemical Pollutants

Physical Pollutants

Biological Pollutants

#### Global Air Quality Monitoring Market: End-User Segment Analysis

Oil Gas

Power Generation Plants

Government Agencies Academic Institutes

Commercial Residential Users

Others

## Global Air Quality Monitoring Market: Regional Segment Analysis

North America

The U.S.

Europe

UK

France

Germany

Asia Pacific

China

Japan

India

Latin America

Brazil

Middle East and Africa

## Contents

### CHAPTER 1. INTRODUCTION

- 1.1. Report Description and Scope
- 1.2. Research Scope
- 1.3. Research Methodology
  - 1.3.1. Market Research Process
  - 1.3.2. Market Research Methodology

### CHAPTER 2. EXECUTIVE SUMMARY

- 2.1. Global Air Quality Monitoring Market, 2015-2023 (USD Billion)
- 2.2. Global Air Quality Monitoring Market: Snapshot

### CHAPTER 3. AIR QUALITY MONITORING - MARKET DYNAMICS

- 3.1. Introduction
- 3.2. Market Drivers
  - 3.2.1. Growing awareness towards the adverse effects of polluted air on human health
  - 3.2.2. Stringent government laws and regulation towards monitoring and control of air pollution
- 3.3. Market Restraints
  - 3.3.1. High production costs associated with air quality monitoring solutions
- 3.4. Opportunities
  - 3.4.1. The technological advancement of air quality monitoring devices
- 3.5. Porters Five Forces Analysis
  - 3.5.1. Bargaining Power of Suppliers
  - 3.5.2. Bargaining Power of Buyers
  - 3.5.3. Threat From New Entrants
  - 3.5.4. Threat Of New Substitutes
  - 3.5.5. Degree of Competition
- 3.6. Market Attractiveness Analysis
  - 3.6.1. Market Attractiveness Analysis, by Product Type Segment
  - 3.6.2. Market Attractiveness Analysis, by Pollutants Segment
  - 3.6.3. Market Attractiveness Analysis, by End-User Segment
  - 3.6.4. Market Attractiveness Analysis, by Regional Segment

### CHAPTER 4. GLOBAL AIR QUALITY MONITORING MARKET - COMPETITIVE

*Air Quality Monitoring Market by Product Type (Indoor Monitors, Portable Monitors, Outdoor Monitors, and Other...*

## LANDSCAPE

- 4.1. Company Market Share Analysis (Subject to Data Availability)
  - 4.1.1. Global Air Quality Monitoring Market: Company Market Share, 2017
- 4.2. Strategic Development
  - 4.2.1. Acquisitions Mergers
  - 4.2.2. New Product Launch
  - 4.2.3. Agreements, Partnerships, Collaborations and Joint Ventures
  - 4.2.4. Research and Development, Product and Regional Expansion

## CHAPTER 5. GLOBAL AIR QUALITY MONITORING MARKET - PRODUCT TYPE SEGMENT ANALYSIS

- 5.1. Global Air Quality Monitoring Market: Product Type Overview
  - 5.1.1. Global Air Quality Monitoring Market Revenue Share, by Product Type, 2017 and 2023
- 5.2. Indoor Monitors
  - 5.2.1. Global Air Quality Monitoring Market by Indoor Monitors, 2015-2023 (USD Billion)
- 5.3. Portable Monitors
  - 5.3.1. Global Air Quality Monitoring Market by Portable Monitors, 2015-2023 (USD Billion)
- 5.4. Outdoor Monitors
  - 5.4.1. Global Air Quality Monitoring Market by Outdoor Monitors, 2015-2023 (USD Billion)
- 5.5. Others
  - 5.5.1. Global Air Quality Monitoring Market by Others, 2015-2023 (USD Billion)

## CHAPTER 6. GLOBAL AIR QUALITY MONITORING MARKET - POLLUTANTS SEGMENT ANALYSIS

- 6.1. Global Air Quality Monitoring Market: Pollutants Overview
  - 6.1.1. Global Air Quality Monitoring Market Revenue Share, by Pollutants, 2017 and 2023
- 6.2. Chemical Pollutants
  - 6.2.1. Global Air Quality Monitoring Market by Chemical Pollutants, 2015-2023 (USD Billion)
- 6.3. Physical Pollutants
  - 6.3.1. Global Air Quality Monitoring Market by Physical Pollutants, 2015-2023 (USD

Billion)

#### 6.4. Biological Pollutants

6.4.1. Global Air Quality Monitoring Market by Biological Pollutants, 2015-2023 (USD Billion)

### **CHAPTER 7. GLOBAL AIR QUALITY MONITORING MARKET - END USER SEGMENT ANALYSIS**

#### 7.1. Global Air Quality Monitoring Market: End User Overview

7.1.1. Global Air Quality Monitoring Market Revenue Share, by End User, 2017 and 2023

#### 7.2. Oil Gas

7.2.1. Global Air Quality Monitoring Market for Oil Gas, 2015-2023 (USD Billion)

#### 7.3. Power Generation Plants

7.3.1. Global Air Quality Monitoring Market for Power Generation Plants, 2015-2023 (USD Billion)

#### 7.4. Government Agencies Academic Institutes

7.4.1. Global Air Quality Monitoring Market for Government Agencies Academic Institutes, 2015-2023 (USD Billion)

#### 7.5. Commercial Residential Users

7.5.1. Global Air Quality Monitoring Market for Commercial Residential Users, 2015-2023 (USD Billion)

#### 7.6. Others

7.6.1. Global Air Quality Monitoring Market for Other End Users, 2015-2023 (USD Billion)

### **CHAPTER 8. GLOBAL AIR QUALITY MONITORING MARKET - REGIONAL SEGMENT ANALYSIS**

#### 8.1. Global Air Quality Monitoring Market: Regional Overview

8.1.1. Global Air Quality Monitoring Market Revenue Share, by Region, 2017 and 2023

#### 8.2. North America

8.2.1. North America Air Quality Monitoring Market, 2015-2023 (USD Billion)

8.2.2. North America Air Quality Monitoring Market Revenue, by Product Type, 2015-2023 (USD Billion)

8.2.3. North America Air Quality Monitoring Market Revenue, by Pollutants, 2015-2023 (USD Billion)

8.2.4. North America Air Quality Monitoring Market Revenue, by End User, 2015-2023 (USD Billion)

#### 8.2.5. U.S.

8.2.5.1. U.S. Air Quality Monitoring Market Revenue, by Product Type, 2015-2023  
(USD Billion)

8.2.5.2. U.S. Air Quality Monitoring Market Revenue, by Pollutants, 2015-2023 (USD Billion)

8.2.5.3. U.S. Air Quality Monitoring Market Revenue, by End User, 2015-2023 (USD Billion)

#### 8.2.9. Canada

8.2.9.1. Canada Air Quality Monitoring Market Revenue, by Product Type, 2015-2023  
(USD Billion)

8.2.9.2. Canada Air Quality Monitoring Market Revenue, by Pollutants, 2015-2023  
(USD Billion)

8.2.9.3. Canada Air Quality Monitoring Market Revenue, by End User, 2015-2023  
(USD Billion)

#### 8.2.10. Mexico

8.2.10.1. Mexico Air Quality Monitoring Market Revenue, by Product Type,  
2015-2023 (USD Billion)

8.2.10.2. Mexico Air Quality Monitoring Market Revenue, by Pollutants, 2015-2023  
(USD Billion)

8.2.10.3. Mexico Air Quality Monitoring Market Revenue, by End User, 2015-2023  
(USD Billion)

#### 8.3. Europe

8.3.1. Europe Air Quality Monitoring Market, 2015-2023 (USD Billion)

8.3.2. Europe Air Quality Monitoring Market Revenue, by Product Type, 2015-2023  
(USD Billion)

8.3.3. Europe Air Quality Monitoring Market Revenue, by Pollutants, 2015-2023 (USD Billion)

8.3.4. Europe Air Quality Monitoring Market Revenue, by End User, 2015-2023 (USD Billion)

#### 8.3.5. Eastern Europe

##### 8.3.5.1. Poland

8.3.5.1.1. Poland Air Quality Monitoring Market Revenue, by Product Type,  
2015-2023 (USD Billion)

8.3.5.1.2. Poland Air Quality Monitoring Market Revenue, by Pollutants, 2015-2023  
(USD Billion)

8.3.5.1.3. Poland Air Quality Monitoring Market Revenue, by End User, 2015-2023  
(USD Billion)

##### 8.3.5.2. Russia

8.3.5.2.1. Russia Air Quality Monitoring Market Revenue, by Product Type,



2015-2023 (USD Billion)

8.3.5.2.2. Russia Air Quality Monitoring Market Revenue, by Pollutants, 2015-2023 (USD Billion)

8.3.5.2.3. Russia Air Quality Monitoring Market Revenue, by End User, 2015-2023 (USD Billion)

8.3.5.3. Rest of Eastern Europe (Bulgaria, the Czech Republic, Hungary, Etc.)

8.3.5.3.1. Rest of Eastern Europe Air Quality Monitoring Market Revenue, by Product Type, 2015-2023 (USD Billion)

8.3.5.3.2. Rest of Eastern Europe Air Quality Monitoring Market Revenue, by Pollutants, 2015-2023 (USD Billion)

8.3.5.3.3. Rest of Eastern Europe Air Quality Monitoring Market Revenue, by End User, 2015-2023 (USD Billion)

8.3.6. Western Europe

8.3.6.1. France

8.3.6.1.1. France Air Quality Monitoring Market Revenue, by Product Type, 2015-2023 (USD Billion)

8.3.6.1.2. France Air Quality Monitoring Market Revenue, by Pollutants, 2015-2023 (USD Billion)

8.3.6.1.3. France Air Quality Monitoring Market Revenue, by End User, 2015-2023 (USD Billion)

8.3.6.2. UK

8.3.6.2.1. UK Air Quality Monitoring Market Revenue, by Product Type, 2015-2023 (USD Billion)

8.3.6.2.2. UK Air Quality Monitoring Market Revenue, by Pollutants, 2015-2023 (USD Billion)

8.3.6.2.3. UK Air Quality Monitoring Market Revenue, by End User, 2015-2023 (USD Billion)

8.3.6.3. Germany

8.3.6.3.1. Germany Air Quality Monitoring Market Revenue, by Product Type, 2015-2023 (USD Billion)

8.3.6.3.2. Germany Air Quality Monitoring Market Revenue, by Pollutants, 2015-2023 (USD Billion)

8.3.6.3.3. Germany Air Quality Monitoring Market Revenue, by End User, 2015-2023 (USD Billion)

8.3.6.4. Rest of Western Europe (Italy, Spain, Netherlands, Etc.)

8.3.6.4.1. Rest of Western Europe Air Quality Monitoring Market Revenue, by Product Type, 2015-2023 (USD Billion)

8.3.6.4.2. Rest of Western Europe Air Quality Monitoring Market Revenue, by Pollutants, 2015-2023 (USD Billion)



8.3.6.4.3. Rest of Western Europe Air Quality Monitoring Market Revenue, by End User, 2015-2023 (USD Billion)

8.4. Asia Pacific

8.4.1. Asia Pacific Air Quality Monitoring Market, 2015-2023 (USD Billion)

8.4.2. Asia Pacific Air Quality Monitoring Market Revenue, by Product Type, 2015-2023 (USD Billion)

8.4.3. Asia Pacific Air Quality Monitoring Market Revenue, by Pollutants, 2015-2023 (USD Billion)

8.4.4. Asia Pacific Air Quality Monitoring Market Revenue, by End User, 2015-2023 (USD Billion)

8.4.5. India

8.4.5.1. India Air Quality Monitoring Market Revenue, by Product Type, 2015-2023 (USD Billion)

8.4.5.2. India Air Quality Monitoring Market Revenue, by Pollutants, 2015-2023 (USD Billion)

8.4.5.3. India Air Quality Monitoring Market Revenue, by End User, 2015-2023 (USD Billion)

8.4.6. China

8.4.6.1. China Air Quality Monitoring Market Revenue, by Product Type, 2015-2023 (USD Billion)

8.4.6.2. China Air Quality Monitoring Market Revenue, by Pollutants, 2015-2023 (USD Billion)

8.4.6.3. China Air Quality Monitoring Market Revenue, by End User, 2015-2023 (USD Billion)

8.4.7. Japan

8.4.7.1. Japan Air Quality Monitoring Market Revenue, by Product Type, 2015-2023 (USD Billion)

8.4.7.2. Japan Air Quality Monitoring Market Revenue, by Pollutants, 2015-2023 (USD Billion)

8.4.7.3. Japan Air Quality Monitoring Market Revenue, by End User, 2015-2023 (USD Billion)

8.4.8. ASEAN (Indonesia, Thailand, Philippines, Etc.)

8.4.8.1. ASEAN Air Quality Monitoring Market Revenue, by Product Type, 2015-2023 (USD Billion)

8.4.8.2. ASEAN Air Quality Monitoring Market Revenue, by Pollutants, 2015-2023 (USD Billion)

8.4.8.3. ASEAN Air Quality Monitoring Market Revenue, by End User, 2015-2023 (USD Billion)

8.4.9. Rest of Asia Pacific

8.4.9.1. Rest of Asia Pacific Air Quality Monitoring Market Revenue, by Product Type, 2015-2023 (USD Billion)

8.4.9.2. Rest of Asia Pacific Air Quality Monitoring Market Revenue, by Pollutants, 2015-2023 (USD Billion)

8.4.9.3. Rest of Asia Pacific Air Quality Monitoring Market Revenue, by End User, 2015-2023 (USD Billion)

## 8.5. Latin America

8.5.1. Latin America Air Quality Monitoring Market, 2015-2023 (USD Billion)

8.5.2. Latin America Air Quality Monitoring Market Revenue, by Product Type, 2015-2023 (USD Billion)

8.5.3. Latin America Air Quality Monitoring Market Revenue, by Pollutants, 2015-2023 (USD Billion)

8.5.4. Latin America Air Quality Monitoring Market Revenue, by End User, 2015-2023 (USD Billion)

### 8.5.5. Brazil

8.5.5.1. Brazil Air Quality Monitoring Market Revenue, by Product Type, 2015-2023 (USD Billion)

8.5.5.2. Brazil Air Quality Monitoring Market Revenue, by Pollutants, 2015-2023 (USD Billion)

8.5.5.3. Brazil Air Quality Monitoring Market Revenue, by End User, 2015-2023 (USD Billion)

### 8.5.6. Argentina

8.5.6.1. Argentina Air Quality Monitoring Market Revenue, by Product Type, 2015-2023 (USD Billion)

8.5.6.2. Argentina Air Quality Monitoring Market Revenue, by Pollutants, 2015-2023 (USD Billion)

8.5.6.3. Argentina Air Quality Monitoring Market Revenue, by End User, 2015-2023 (USD Billion)

### 8.5.7. Rest of Latin America (Columbia, Chile, Etc.)

8.5.7.1. Rest of Latin America Air Quality Monitoring Market Revenue, by Product Type, 2015-2023 (USD Billion)

8.5.7.2. Rest of Latin America Air Quality Monitoring Market Revenue, by Pollutants, 2015-2023 (USD Billion)

8.5.7.3. Rest of Latin America Air Quality Monitoring Market Revenue, by End User, 2015-2023 (USD Billion)

## 8.6. Middle East and Africa

8.6.1. Middle East and Africa Air Quality Monitoring Market, 2015-2023 (USD Billion)

8.6.2. Middle East and Africa Air Quality Monitoring Market Revenue, by Product Type, 2015-2023 (USD Billion)

8.6.3. Middle East and Africa Air Quality Monitoring Market Revenue, by Pollutants, 2015-2023 (USD Billion)

8.6.4. Middle East and Africa Air Quality Monitoring Market Revenue, by End User, 2015-2023 (USD Billion)

## **CHAPTER 9. COMPANY PROFILE**

### **9.1. Thermo Fisher Scientific, Inc.**

9.1.1. Overview

9.1.2. Financials

9.1.3. Product Portfolio

9.1.4. Strategy

9.1.5. Recent Development

9.1.6. SWOT Analysis

### **9.2. Teledyne Technologies Inc.**

9.2.1. Overview

9.2.2. Financials

9.2.3. Product Portfolio

9.2.4. Strategy

9.2.5. Recent Development

9.2.6. SWOT Analysis

### **9.3. Siemens AG**

9.3.1. Overview

9.3.2. Financials

9.3.3. Product Portfolio

9.3.4. Strategy

9.3.5. Recent Development

9.3.6. SWOT Analysis

### **9.4. Emerson Electric Co.**

9.4.1. Overview

9.4.2. Financials

9.4.3. Product Portfolio

9.4.4. Business Strategy

9.4.5. Recent Development

9.4.6. SWOT Analysis

### **9.5. General Electric Company**

9.5.1. Overview

9.5.2. Financial

9.5.3. Product Portfolio

- 9.5.4. Business Strategy
- 9.5.5. Recent Development
- 9.5.6. SWOT Analysis
- 9.6. 3m Company
  - 9.6.1. Overview
  - 9.6.2. Financial
  - 9.6.3. Product Portfolio
  - 9.6.4. Business Strategy
  - 9.6.5. Recent Development
  - 9.6.6. SWOT Analysis
- 9.7. Horiba, Ltd.
  - 9.7.1. Overview
  - 9.7.2. Financial
  - 9.7.3. Product Portfolio
  - 9.7.4. Business Strategy
  - 9.7.5. Recent Development
  - 9.7.6. SWOT Analysis
- 9.8. MERCK Kgaa
  - 9.8.1. Overview
  - 9.8.2. Financial
  - 9.8.3. Product Portfolio
  - 9.8.4. Business Strategy
  - 9.8.5. Recent Development
  - 9.8.6. SWOT Analysis
- 9.9. TSI, Inc.
  - 9.9.1. Overview
  - 9.9.2. Financial
  - 9.9.3. Product Portfolio
  - 9.9.4. Business Strategy
  - 9.9.5. Recent Development
  - 9.9.6. SWOT Analysis
- 9.10. Servomex Group Ltd.
  - 9.10.1. Overview
  - 9.10.2. Financial
  - 9.10.3. Product Portfolio
  - 9.10.4. Business Strategy
  - 9.10.5. Recent Development
  - 9.10.6. SWOT Analysis
- 9.11. Testo AG

- 9.11.1. Overview
- 9.11.2. Financial
- 9.11.3. Product Portfolio
- 9.11.4. Business Strategy
- 9.11.5. Recent Development
- 9.11.6. SWOT Analysis
- 9.12. Others
  - 9.12.1. Overview
  - 9.12.2. Financial
  - 9.12.3. Product Portfolio
  - 9.12.4. Business Strategy
  - 9.12.5. Recent Development
  - 9.12.6. SWOT Analysis

## I would like to order

Product name: Air Quality Monitoring Market by Product Type (Indoor Monitors, Portable Monitors, Outdoor Monitors, and Others), by Pollutants (Chemical Pollutants, Physical Pollutants, and Biological Pollutants) for End Users (Oil & Gas, Power Generation Plants, Government Agencies & Academic Institutes, Commercial & Residential Users, and Others) - Global Industry Perspective, Comprehensive Analysis and forecast, 2017 - 2023

Product link: <https://marketpublishers.com/r/A40377F3D51EN.html>

Price: US\$ 4,899.00 (Single User License / Electronic Delivery)

If you want to order Corporate License or Hard Copy, please, contact our Customer Service:

[info@marketpublishers.com](mailto:info@marketpublishers.com)

## Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <https://marketpublishers.com/r/A40377F3D51EN.html>

To pay by Wire Transfer, please, fill in your contact details in the form below:

First name:  
Last name:  
Email:  
Company:  
Address:  
City:  
Zip code:  
Country:  
Tel:  
Fax:  
Your message:

**\*\*All fields are required**

Customer signature \_\_\_\_\_

Please, note that by ordering from marketpublishers.com you are agreeing to our Terms & Conditions at <https://marketpublishers.com/docs/terms.html>

To place an order via fax simply print this form, fill in the information below  
and fax the completed form to +44 20 7900 3970