

Global Advanced CO2 Sensors Market by Size, by Type, by Application, by Region, History and Forecast 2019-2030

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Abstracts

Summary

The Advanced CO2 Sensor is an instrument for the measurement of carbon dioxide gas. The most common principles for CO2 sensors are infrared gas sensors (NDIR) and chemical gas sensors. Measuring carbon dioxide is important in monitoring indoor air quality, the function of the lungs in the form of a capnograph device, and many industrial processes. COVID-19 Impact Insights

According to APO Research, The global Advanced CO2 Sensors market is projected to grow from US\$ million in 2024 to US\$ million by 2030, at a Compound Annual Growth Rate (CAGR) of % during the forecast period.

The US & Canada market for Advanced CO2 Sensors is estimated to increase from \$ million in 2024 to reach \$ million by 2030, at a CAGR of % during the forecast period of 2025 through 2030.

Asia-Pacific market for Advanced CO2 Sensors is estimated to increase from \$ million in 2024 to reach \$ million by 2030, at a CAGR of % during the forecast period of 2025 through 2030.

The China market for Advanced CO2 Sensors is estimated to increase from \$ million in 2024 to reach \$ million by 2030, at a CAGR of % during the forecast period of 2025 through 2030.

Europe market for Advanced CO2 Sensors is estimated to increase from \$ million in

2024 to reach \$ million by 2030, at a CAGR of % during the forecast period of 2025 through 2030.

The major global manufacturers of Advanced CO2 Sensors include Siemens AG, Honeywell, Vaisala, SenseAir (Asahi Kasei), Amphenol Corporation, Sensirion AG, Trane, E + E ELEKTRONIK and Figaro, etc. In 2023, the world's top three vendors accounted for approximately % of the revenue.

In terms of production side, this report researches the Advanced CO2 Sensors production, growth rate, market share by manufacturers and by region (region level and country level), from 2019 to 2024, and forecast to 2030.

In terms of consumption side, this report focuses on the sales of Advanced CO2 Sensors by region (region level and country level), by company, by type and by application. from 2019 to 2024 and forecast to 2030.

This report presents an overview of global market for Advanced CO2 Sensors, capacity, output, revenue and price. Analyses of the global market trends, with historic market revenue or sales data for 2019 - 2023, estimates for 2024, and projections of CAGR through 2030.

This report researches the key producers of Advanced CO2 Sensors, also provides the consumption of main regions and countries. Of the upcoming market potential for Advanced CO2 Sensors, and key regions or countries of focus to forecast this market into various segments and sub-segments. Country specific data and market value analysis for the U.S., Canada, Mexico, Brazil, China, Japan, South Korea, Southeast Asia, India, Germany, the U.K., Italy, Middle East, Africa, and Other Countries.

This report focuses on the Advanced CO2 Sensors sales, revenue, market share and industry ranking of main manufacturers, data from 2019 to 2024. Identification of the major stakeholders in the global Advanced CO2 Sensors market, and analysis of their competitive landscape and market positioning based on recent developments and segmental revenues. This report will help stakeholders to understand the competitive landscape and gain more insights and position their businesses and market strategies in a better way.

This report analyzes the segments data by type and by application, sales, revenue, and price, from 2019 to 2030. Evaluation and forecast the market size for Advanced CO2 Sensors sales, projected growth trends, production technology, application and end-

user industry.

Advanced CO2 Sensors segment by Company

Siemens AG

Honeywell

Vaisala

SenseAir (Asahi Kasei)

Amphenol Corporation

Sensirion AG

Trane

E + E ELEKTRONIK

Figaro

Gas Sensing Solutions

Ati Airstest Technologies Inc.

Zhengzhou Winsen Electronics Technology Co., Ltd. (Henan Hanwei Electronics)

Digital Control System Inc

ELT SENSOR Corp.

Cubic Sensor and Instrument Co.,Ltd

Advanced CO2 Sensors segment by Type

NDIR CO2 Sensor

Chemical CO2 Sensor

Advanced CO2 Sensors segment by Application

Automotive

Industrial

Building Automation

Air Conditioners

Air Purifier

Healthcare

Petrochemical

Others

Advanced CO2 Sensors segment by Region

North America

U.S.

Canada

Europe

Germany

France

U.K.

Italy

Russia

Asia-Pacific

China

Japan

South Korea

India

Australia

China Taiwan

Indonesia

Thailand

Malaysia

Latin America

Mexico

Brazil

Argentina

Middle East & Africa

Turkey

Saudi Arabia

UAE

Study Objectives

1. To analyze and research the global status and future forecast, involving, production, value, consumption, growth rate (CAGR), market share, historical and forecast.
2. To present the key manufacturers, capacity, production, revenue, market share, and Recent Developments.
3. To split the breakdown data by regions, type, manufacturers, and Application.
4. To analyze the global and key regions market potential and advantage, opportunity and challenge, restraints, and risks.
5. To identify significant trends, drivers, influence factors in global and regions.
6. To analyze competitive developments such as expansions, agreements, new product launches, and acquisitions in the market.

Reasons to Buy This Report

1. This report will help the readers to understand the competition within the industries and strategies for the competitive environment to enhance the potential profit. The report also focuses on the competitive landscape of the global Advanced CO2 Sensors market, and introduces in detail the market share, industry ranking, competitor ecosystem, market performance, new product development, operation situation, expansion, and acquisition. etc. of the main players, which helps the readers to identify the main competitors and deeply understand the competition pattern of the market.
2. This report will help stakeholders to understand the global industry status and trends of Advanced CO2 Sensors and provides them with information on key market drivers, restraints, challenges, and opportunities.
3. This report will help stakeholders to understand competitors better and gain more insights to strengthen their position in their businesses. The competitive landscape section includes the market share and rank (in volume and value), competitor ecosystem, new product development, expansion, and acquisition.

4. This report stays updated with novel technology integration, features, and the latest developments in the market.
5. This report helps stakeholders to gain insights into which regions to target globally.
6. This report helps stakeholders to gain insights into the end-user perception concerning the adoption of Advanced CO2 Sensors.
7. This report helps stakeholders to identify some of the key players in the market and understand their valuable contribution.

Chapter Outline

Chapter 1: Provides an overview of the Advanced CO2 Sensors market, including product definition, global market growth prospects, production value, capacity, and average price forecasts (2019-2030).

Chapter 2: Analysis key trends, drivers, challenges, and opportunities within the global Advanced CO2 Sensors industry.

Chapter 3: Detailed analysis of Advanced CO2 Sensors market competition landscape. Including Advanced CO2 Sensors manufacturers' output value, output and average price from 2019 to 2024, as well as competition analysis indicators such as origin, product type, application, merger and acquisition information, etc.

Chapter 4: Provides the analysis of various market segments by type, covering the market size and development potential of each market segment, to help readers find the blue ocean market in different market segments.

Chapter 5: Provides the analysis of various market segments by application, covering the market size and development potential of each market segment, to help readers find the blue ocean market in different downstream markets.

Chapter 6: Provides profiles of key players, introducing the basic situation of the main companies in the market in detail, including product production/output, value, price, gross margin, product introduction, recent development, etc.

Chapter 7: Production/Production Value of Advanced CO2 Sensors by region. It provides a quantitative analysis of the market size and development potential of each

region in the next six years.

Chapter 8: Consumption of Advanced CO2 Sensors in regional level and country level. It provides a quantitative analysis of the market size and development potential of each region and its main countries and introduces the market development, future development prospects, market space, and production of each country in the world.

Chapter 9: Analysis of industrial chain, including the upstream and downstream of the industry.

Chapter 10: Concluding Insights of the report.

Contents

1 MARKET OVERVIEW

- 1.1 Product Definition
- 1.2 Global Market Growth Prospects
 - 1.2.1 Global Advanced CO2 Sensors Production Value Estimates and Forecasts (2019-2030)
 - 1.2.2 Global Advanced CO2 Sensors Production Capacity Estimates and Forecasts (2019-2030)
 - 1.2.3 Global Advanced CO2 Sensors Production Estimates and Forecasts (2019-2030)
 - 1.2.4 Global Advanced CO2 Sensors Market Average Price (2019-2030)
- 1.3 Assumptions and Limitations
- 1.4 Study Goals and Objectives

2 GLOBAL ADVANCED CO2 SENSORS MARKET DYNAMICS

- 2.1 Advanced CO2 Sensors Industry Trends
- 2.2 Advanced CO2 Sensors Industry Drivers
- 2.3 Advanced CO2 Sensors Industry Opportunities and Challenges
- 2.4 Advanced CO2 Sensors Industry Restraints

3 ADVANCED CO2 SENSORS MARKET BY MANUFACTURERS

- 3.1 Global Advanced CO2 Sensors Production Value by Manufacturers (2019-2024)
- 3.2 Global Advanced CO2 Sensors Production by Manufacturers (2019-2024)
- 3.3 Global Advanced CO2 Sensors Average Price by Manufacturers (2019-2024)
- 3.4 Global Advanced CO2 Sensors Industry Manufacturers Ranking, 2022 VS 2023 VS 2024
- 3.5 Global Advanced CO2 Sensors Key Manufacturers Manufacturing Sites & Headquarters
- 3.6 Global Advanced CO2 Sensors Manufacturers, Product Type & Application
- 3.7 Global Advanced CO2 Sensors Manufacturers Commercialization Time
- 3.8 Market Competitive Analysis
 - 3.8.1 Global Advanced CO2 Sensors Market CR5 and HHI
 - 3.8.2 Global Top 5 and 10 Advanced CO2 Sensors Players Market Share by Production Value in 2023
 - 3.8.3 2023 Advanced CO2 Sensors Tier 1, Tier 2, and Tier

4 ADVANCED CO2 SENSORS MARKET BY TYPE

4.1 Advanced CO2 Sensors Type Introduction

- 4.1.1 NDIR CO2 Sensor
- 4.1.2 Chemical CO2 Sensor

4.2 Global Advanced CO2 Sensors Production by Type

- 4.2.1 Global Advanced CO2 Sensors Production by Type (2019 VS 2023 VS 2030)
- 4.2.2 Global Advanced CO2 Sensors Production by Type (2019-2030)
- 4.2.3 Global Advanced CO2 Sensors Production Market Share by Type (2019-2030)

4.3 Global Advanced CO2 Sensors Production Value by Type

- 4.3.1 Global Advanced CO2 Sensors Production Value by Type (2019 VS 2023 VS 2030)
- 4.3.2 Global Advanced CO2 Sensors Production Value by Type (2019-2030)
- 4.3.3 Global Advanced CO2 Sensors Production Value Market Share by Type (2019-2030)

5 ADVANCED CO2 SENSORS MARKET BY APPLICATION

5.1 Advanced CO2 Sensors Application Introduction

- 5.1.1 Automotive
- 5.1.2 Industrial
- 5.1.3 Building Automation
- 5.1.4 Air Conditioners
- 5.1.5 Air Purifier
- 5.1.6 Healthcare
- 5.1.7 Petrochemical
- 5.1.8 Others

5.2 Global Advanced CO2 Sensors Production by Application

- 5.2.1 Global Advanced CO2 Sensors Production by Application (2019 VS 2023 VS 2030)
- 5.2.2 Global Advanced CO2 Sensors Production by Application (2019-2030)
- 5.2.3 Global Advanced CO2 Sensors Production Market Share by Application (2019-2030)

5.3 Global Advanced CO2 Sensors Production Value by Application

- 5.3.1 Global Advanced CO2 Sensors Production Value by Application (2019 VS 2023 VS 2030)
- 5.3.2 Global Advanced CO2 Sensors Production Value by Application (2019-2030)
- 5.3.3 Global Advanced CO2 Sensors Production Value Market Share by Application

(2019-2030)

6 COMPANY PROFILES

6.1 Siemens AG

6.1.1 Siemens AG Company Information

6.1.2 Siemens AG Business Overview

6.1.3 Siemens AG Advanced CO2 Sensors Production, Value and Gross Margin

(2019-2024)

6.1.4 Siemens AG Advanced CO2 Sensors Product Portfolio

6.1.5 Siemens AG Recent Developments

6.2 Honeywell

6.2.1 Honeywell Company Information

6.2.2 Honeywell Business Overview

6.2.3 Honeywell Advanced CO2 Sensors Production, Value and Gross Margin

(2019-2024)

6.2.4 Honeywell Advanced CO2 Sensors Product Portfolio

6.2.5 Honeywell Recent Developments

6.3 Vaisala

6.3.1 Vaisala Company Information

6.3.2 Vaisala Business Overview

6.3.3 Vaisala Advanced CO2 Sensors Production, Value and Gross Margin

(2019-2024)

6.3.4 Vaisala Advanced CO2 Sensors Product Portfolio

6.3.5 Vaisala Recent Developments

6.4 SenseAir (Asahi Kasei)

6.4.1 SenseAir (Asahi Kasei) Company Information

6.4.2 SenseAir (Asahi Kasei) Business Overview

6.4.3 SenseAir (Asahi Kasei) Advanced CO2 Sensors Production, Value and Gross

Margin (2019-2024)

6.4.4 SenseAir (Asahi Kasei) Advanced CO2 Sensors Product Portfolio

6.4.5 SenseAir (Asahi Kasei) Recent Developments

6.5 Amphenol Corporation

6.5.1 Amphenol Corporation Company Information

6.5.2 Amphenol Corporation Business Overview

6.5.3 Amphenol Corporation Advanced CO2 Sensors Production, Value and Gross

Margin (2019-2024)

6.5.4 Amphenol Corporation Advanced CO2 Sensors Product Portfolio

6.5.5 Amphenol Corporation Recent Developments

6.6 Sensirion AG

6.6.1 Sensirion AG Company Information

6.6.2 Sensirion AG Business Overview

6.6.3 Sensirion AG Advanced CO2 Sensors Production, Value and Gross Margin (2019-2024)

6.6.4 Sensirion AG Advanced CO2 Sensors Product Portfolio

6.6.5 Sensirion AG Recent Developments

6.7 Trane

6.7.1 Trane Company Information

6.7.2 Trane Business Overview

6.7.3 Trane Advanced CO2 Sensors Production, Value and Gross Margin (2019-2024)

6.7.4 Trane Advanced CO2 Sensors Product Portfolio

6.7.5 Trane Recent Developments

6.8 E + E ELEKTRONIK

6.8.1 E + E ELEKTRONIK Company Information

6.8.2 E + E ELEKTRONIK Business Overview

6.8.3 E + E ELEKTRONIK Advanced CO2 Sensors Production, Value and Gross Margin (2019-2024)

6.8.4 E + E ELEKTRONIK Advanced CO2 Sensors Product Portfolio

6.8.5 E + E ELEKTRONIK Recent Developments

6.9 Figaro

6.9.1 Figaro Company Information

6.9.2 Figaro Business Overview

6.9.3 Figaro Advanced CO2 Sensors Production, Value and Gross Margin (2019-2024)

6.9.4 Figaro Advanced CO2 Sensors Product Portfolio

6.9.5 Figaro Recent Developments

6.10 Gas Sensing Solutions

6.10.1 Gas Sensing Solutions Company Information

6.10.2 Gas Sensing Solutions Business Overview

6.10.3 Gas Sensing Solutions Advanced CO2 Sensors Production, Value and Gross Margin (2019-2024)

6.10.4 Gas Sensing Solutions Advanced CO2 Sensors Product Portfolio

6.10.5 Gas Sensing Solutions Recent Developments

6.11 Ati Airtest Technologies Inc.

6.11.1 Ati Airtest Technologies Inc. Company Information

6.11.2 Ati Airtest Technologies Inc. Business Overview

6.11.3 Ati Airtest Technologies Inc. Advanced CO2 Sensors Production, Value and Gross Margin (2019-2024)

- 6.11.4 Ati Airtest Technologies Inc. Advanced CO2 Sensors Product Portfolio
- 6.11.5 Ati Airtest Technologies Inc. Recent Developments
- 6.12 Zhengzhou Winsen Electronics Technology Co., Ltd. (Henan Hanwei Electronics)
 - 6.12.1 Zhengzhou Winsen Electronics Technology Co., Ltd. (Henan Hanwei Electronics) Company Information
 - 6.12.2 Zhengzhou Winsen Electronics Technology Co., Ltd. (Henan Hanwei Electronics) Business Overview
 - 6.12.3 Zhengzhou Winsen Electronics Technology Co., Ltd. (Henan Hanwei Electronics) Advanced CO2 Sensors Production, Value and Gross Margin (2019-2024)
 - 6.12.4 Zhengzhou Winsen Electronics Technology Co., Ltd. (Henan Hanwei Electronics) Advanced CO2 Sensors Product Portfolio
 - 6.12.5 Zhengzhou Winsen Electronics Technology Co., Ltd. (Henan Hanwei Electronics) Recent Developments
- 6.13 Digital Control System Inc
 - 6.13.1 Digital Control System Inc Company Information
 - 6.13.2 Digital Control System Inc Business Overview
 - 6.13.3 Digital Control System Inc Advanced CO2 Sensors Production, Value and Gross Margin (2019-2024)
 - 6.13.4 Digital Control System Inc Advanced CO2 Sensors Product Portfolio
 - 6.13.5 Digital Control System Inc Recent Developments
- 6.14 ELT SENSOR Corp.
 - 6.14.1 ELT SENSOR Corp. Company Information
 - 6.14.2 ELT SENSOR Corp. Business Overview
 - 6.14.3 ELT SENSOR Corp. Advanced CO2 Sensors Production, Value and Gross Margin (2019-2024)
 - 6.14.4 ELT SENSOR Corp. Advanced CO2 Sensors Product Portfolio
 - 6.14.5 ELT SENSOR Corp. Recent Developments
- 6.15 Cubic Sensor and Instrument Co.,Ltd
 - 6.15.1 Cubic Sensor and Instrument Co.,Ltd Company Information
 - 6.15.2 Cubic Sensor and Instrument Co.,Ltd Business Overview
 - 6.15.3 Cubic Sensor and Instrument Co.,Ltd Advanced CO2 Sensors Production, Value and Gross Margin (2019-2024)
 - 6.15.4 Cubic Sensor and Instrument Co.,Ltd Advanced CO2 Sensors Product Portfolio
 - 6.15.5 Cubic Sensor and Instrument Co.,Ltd Recent Developments

7 GLOBAL ADVANCED CO2 SENSORS PRODUCTION BY REGION

- 7.1 Global Advanced CO2 Sensors Production by Region: 2019 VS 2023 VS 2030
- 7.2 Global Advanced CO2 Sensors Production by Region (2019-2030)

- 7.2.1 Global Advanced CO2 Sensors Production by Region: 2019-2024
- 7.2.2 Global Advanced CO2 Sensors Production by Region (2025-2030)
- 7.3 Global Advanced CO2 Sensors Production by Region: 2019 VS 2023 VS 2030
- 7.4 Global Advanced CO2 Sensors Production Value by Region (2019-2030)
 - 7.4.1 Global Advanced CO2 Sensors Production Value by Region: 2019-2024
 - 7.4.2 Global Advanced CO2 Sensors Production Value by Region (2025-2030)
- 7.5 Global Advanced CO2 Sensors Market Price Analysis by Region (2019-2024)
- 7.6 Regional Production Value Trends (2019-2030)
 - 7.6.1 North America Advanced CO2 Sensors Production Value (2019-2030)
 - 7.6.2 Europe Advanced CO2 Sensors Production Value (2019-2030)
 - 7.6.3 Asia-Pacific Advanced CO2 Sensors Production Value (2019-2030)
 - 7.6.4 Latin America Advanced CO2 Sensors Production Value (2019-2030)
 - 7.6.5 Middle East & Africa Advanced CO2 Sensors Production Value (2019-2030)

8 GLOBAL ADVANCED CO2 SENSORS CONSUMPTION BY REGION

- 8.1 Global Advanced CO2 Sensors Consumption by Region: 2019 VS 2023 VS 2030
- 8.2 Global Advanced CO2 Sensors Consumption by Region (2019-2030)
 - 8.2.1 Global Advanced CO2 Sensors Consumption by Region (2019-2024)
 - 8.2.2 Global Advanced CO2 Sensors Consumption by Region (2025-2030)
- 8.3 North America
 - 8.3.1 North America Advanced CO2 Sensors Consumption Growth Rate by Country: 2019 VS 2023 VS 2030
 - 8.3.2 North America Advanced CO2 Sensors Consumption by Country (2019-2030)
 - 8.3.3 U.S.
 - 8.3.4 Canada
- 8.4 Europe
 - 8.4.1 Europe Advanced CO2 Sensors Consumption Growth Rate by Country: 2019 VS 2023 VS 2030
 - 8.4.2 Europe Advanced CO2 Sensors Consumption by Country (2019-2030)
 - 8.4.3 Germany
 - 8.4.4 France
 - 8.4.5 U.K.
 - 8.4.6 Italy
 - 8.4.7 Netherlands
- 8.5 Asia Pacific
 - 8.5.1 Asia Pacific Advanced CO2 Sensors Consumption Growth Rate by Country: 2019 VS 2023 VS 2030
 - 8.5.2 Asia Pacific Advanced CO2 Sensors Consumption by Country (2019-2030)

- 8.5.3 China
- 8.5.4 Japan
- 8.5.5 South Korea
- 8.5.6 Southeast Asia
- 8.5.7 India
- 8.5.8 Australia
- 8.6 LAMEA
 - 8.6.1 LAMEA Advanced CO2 Sensors Consumption Growth Rate by Country: 2019 VS 2023 VS 2030
 - 8.6.2 LAMEA Advanced CO2 Sensors Consumption by Country (2019-2030)
 - 8.6.3 Mexico
 - 8.6.4 Brazil
 - 8.6.5 Turkey
 - 8.6.6 GCC Countries

9 VALUE CHAIN AND SALES CHANNELS ANALYSIS

- 9.1 Advanced CO2 Sensors Value Chain Analysis
 - 9.1.1 Advanced CO2 Sensors Key Raw Materials
 - 9.1.2 Raw Materials Key Suppliers
 - 9.1.3 Manufacturing Cost Structure
 - 9.1.4 Advanced CO2 Sensors Production Mode & Process
- 9.2 Advanced CO2 Sensors Sales Channels Analysis
 - 9.2.1 Direct Comparison with Distribution Share
 - 9.2.2 Advanced CO2 Sensors Distributors
 - 9.2.3 Advanced CO2 Sensors Customers

10 CONCLUDING INSIGHTS

11 APPENDIX

- 11.1 Reasons for Doing This Study
- 11.2 Research Methodology
- 11.3 Research Process
- 11.4 Authors List of This Report
- 11.5 Data Source
 - 11.5.1 Secondary Sources
 - 11.5.2 Primary Sources
- 11.6 Disclaimer

List Of Tables

LIST OF TABLES

Table 1. Advanced CO2 Sensors Industry Trends

Table 2. Advanced CO2 Sensors Industry Drivers

Table 3. Advanced CO2 Sensors Industry Opportunities and Challenges

Table 4. Advanced CO2 Sensors Industry Restraints

Table 5. Global Advanced CO2 Sensors Production Value by Manufacturers (US\$ Million) & (2019-2024)

Table 6. Global Advanced CO2 Sensors Production Value Market Share by Manufacturers (2019-2024)

Table 7. Global Advanced CO2 Sensors Production by Manufacturers (K Units) & (2019-2024)

Table 8. Global Advanced CO2 Sensors Production Market Share by Manufacturers

Table 9. Global Advanced CO2 Sensors Average Price (USD/Unit) of Manufacturers (2019-2024)

Table 10. Global Advanced CO2 Sensors Industry Manufacturers Ranking, 2022 VS 2023 VS 2024

Table 11. Global Advanced CO2 Sensors Industry Manufacturers Ranking, 2022 VS 2023 VS 2024

Table 12. Global Advanced CO2 Sensors Key Manufacturers Manufacturing Sites & Headquarters

Table 13. Global Advanced CO2 Sensors Manufacturers, Product Type & Application

Table 14. Global Advanced CO2 Sensors Manufacturers Commercialization Time

Table 15. Global Manufacturers Market Concentration Ratio (CR5 and HHI)

Table 16. Global Advanced CO2 Sensors by Manufacturers Type (Tier 1, Tier 2, and Tier 3) & (based on the Production Value of 2023)

Table 17. Major Manufacturers of NDIR CO2 Sensor

Table 18. Major Manufacturers of Chemical CO2 Sensor

Table 19. Global Advanced CO2 Sensors Production by type 2019 VS 2023 VS 2030 (K Units)

Table 20. Global Advanced CO2 Sensors Production by type (2019-2024) & (K Units)

Table 21. Global Advanced CO2 Sensors Production by type (2025-2030) & (K Units)

Table 22. Global Advanced CO2 Sensors Production Market Share by type (2019-2024)

Table 23. Global Advanced CO2 Sensors Production Market Share by type (2025-2030)

Table 24. Global Advanced CO2 Sensors Production Value by type 2019 VS 2023 VS 2030 (K Units)

Table 25. Global Advanced CO2 Sensors Production Value by type (2019-2024) & (K

Units)

Table 26. Global Advanced CO2 Sensors Production Value by type (2025-2030) & (K Units)

Table 27. Global Advanced CO2 Sensors Production Value Market Share by type (2019-2024)

Table 28. Global Advanced CO2 Sensors Production Value Market Share by type (2025-2030)

Table 29. Major Manufacturers of Automotive

Table 30. Major Manufacturers of Industrial

Table 31. Major Manufacturers of Building Automation

Table 32. Major Manufacturers of Air Conditioners

Table 33. Major Manufacturers of Air Purifier

Table 34. Major Manufacturers of Healthcare

Table 35. Major Manufacturers of Petrochemical

Table 36. Major Manufacturers of Others

Table 37. Global Advanced CO2 Sensors Production by application 2019 VS 2023 VS 2030 (K Units)

Table 38. Global Advanced CO2 Sensors Production by application (2019-2024) & (K Units)

Table 39. Global Advanced CO2 Sensors Production by application (2025-2030) & (K Units)

Table 40. Global Advanced CO2 Sensors Production Market Share by application (2019-2024)

Table 41. Global Advanced CO2 Sensors Production Market Share by application (2025-2030)

Table 42. Global Advanced CO2 Sensors Production Value by application 2019 VS 2023 VS 2030 (K Units)

Table 43. Global Advanced CO2 Sensors Production Value by application (2019-2024) & (K Units)

Table 44. Global Advanced CO2 Sensors Production Value by application (2025-2030) & (K Units)

Table 45. Global Advanced CO2 Sensors Production Value Market Share by application (2019-2024)

Table 46. Global Advanced CO2 Sensors Production Value Market Share by application (2025-2030)

Table 47. Siemens AG Company Information

Table 48. Siemens AG Business Overview

Table 49. Siemens AG Advanced CO2 Sensors Production (K Units), Value (US\$ Million), Price (USD/Unit) and Gross Margin (2019-2024)

Table 50. Siemens AG Advanced CO2 Sensors Product Portfolio

Table 51. Siemens AG Recent Development

Table 52. Honeywell Company Information

Table 53. Honeywell Business Overview

Table 54. Honeywell Advanced CO2 Sensors Production (K Units), Value (US\$ Million), Price (USD/Unit) and Gross Margin (2019-2024)

Table 55. Honeywell Advanced CO2 Sensors Product Portfolio

Table 56. Honeywell Recent Development

Table 57. Vaisala Company Information

Table 58. Vaisala Business Overview

Table 59. Vaisala Advanced CO2 Sensors Production (K Units), Value (US\$ Million), Price (USD/Unit) and Gross Margin (2019-2024)

Table 60. Vaisala Advanced CO2 Sensors Product Portfolio

Table 61. Vaisala Recent Development

Table 62. SenseAir (Asahi Kasei) Company Information

Table 63. SenseAir (Asahi Kasei) Business Overview

Table 64. SenseAir (Asahi Kasei) Advanced CO2 Sensors Production (K Units), Value (US\$ Million), Price (USD/Unit) and Gross Margin (2019-2024)

Table 65. SenseAir (Asahi Kasei) Advanced CO2 Sensors Product Portfolio

Table 66. SenseAir (Asahi Kasei) Recent Development

Table 67. Amphenol Corporation Company Information

Table 68. Amphenol Corporation Business Overview

Table 69. Amphenol Corporation Advanced CO2 Sensors Production (K Units), Value (US\$ Million), Price (USD/Unit) and Gross Margin (2019-2024)

Table 70. Amphenol Corporation Advanced CO2 Sensors Product Portfolio

Table 71. Amphenol Corporation Recent Development

Table 72. Sensirion AG Company Information

Table 73. Sensirion AG Business Overview

Table 74. Sensirion AG Advanced CO2 Sensors Production (K Units), Value (US\$ Million), Price (USD/Unit) and Gross Margin (2019-2024)

Table 75. Sensirion AG Advanced CO2 Sensors Product Portfolio

Table 76. Sensirion AG Recent Development

Table 77. Trane Company Information

Table 78. Trane Business Overview

Table 79. Trane Advanced CO2 Sensors Production (K Units), Value (US\$ Million), Price (USD/Unit) and Gross Margin (2019-2024)

Table 80. Trane Advanced CO2 Sensors Product Portfolio

Table 81. Trane Recent Development

Table 82. E + E ELEKTRONIK Company Information

- Table 83. E + E ELEKTRONIK Business Overview
- Table 84. E + E ELEKTRONIK Advanced CO2 Sensors Production (K Units), Value (US\$ Million), Price (USD/Unit) and Gross Margin (2019-2024)
- Table 85. E + E ELEKTRONIK Advanced CO2 Sensors Product Portfolio
- Table 86. E + E ELEKTRONIK Recent Development
- Table 87. Figaro Company Information
- Table 88. Figaro Business Overview
- Table 89. Figaro Advanced CO2 Sensors Production (K Units), Value (US\$ Million), Price (USD/Unit) and Gross Margin (2019-2024)
- Table 90. Figaro Advanced CO2 Sensors Product Portfolio
- Table 91. Figaro Recent Development
- Table 92. Gas Sensing Solutions Company Information
- Table 93. Gas Sensing Solutions Business Overview
- Table 94. Gas Sensing Solutions Advanced CO2 Sensors Production (K Units), Value (US\$ Million), Price (USD/Unit) and Gross Margin (2019-2024)
- Table 95. Gas Sensing Solutions Advanced CO2 Sensors Product Portfolio
- Table 96. Gas Sensing Solutions Recent Development
- Table 97. Ati Airstest Technologies Inc. Company Information
- Table 98. Ati Airstest Technologies Inc. Business Overview
- Table 99. Ati Airstest Technologies Inc. Advanced CO2 Sensors Production (K Units), Value (US\$ Million), Price (USD/Unit) and Gross Margin (2019-2024)
- Table 100. Ati Airstest Technologies Inc. Advanced CO2 Sensors Product Portfolio
- Table 101. Ati Airstest Technologies Inc. Recent Development
- Table 102. Zhengzhou Winsen Electronics Technology Co., Ltd. (Henan Hanwei Electronics) Company Information
- Table 103. Zhengzhou Winsen Electronics Technology Co., Ltd. (Henan Hanwei Electronics) Business Overview
- Table 104. Zhengzhou Winsen Electronics Technology Co., Ltd. (Henan Hanwei Electronics) Advanced CO2 Sensors Production (K Units), Value (US\$ Million), Price (USD/Unit) and Gross Margin (2019-2024)
- Table 105. Zhengzhou Winsen Electronics Technology Co., Ltd. (Henan Hanwei Electronics) Advanced CO2 Sensors Product Portfolio
- Table 106. Zhengzhou Winsen Electronics Technology Co., Ltd. (Henan Hanwei Electronics) Recent Development
- Table 107. Digital Control System Inc Company Information
- Table 108. Digital Control System Inc Business Overview
- Table 109. Digital Control System Inc Advanced CO2 Sensors Production (K Units), Value (US\$ Million), Price (USD/Unit) and Gross Margin (2019-2024)
- Table 110. Digital Control System Inc Advanced CO2 Sensors Product Portfolio

- Table 111. Digital Control System Inc Recent Development
- Table 112. ELT SENSOR Corp. Company Information
- Table 113. ELT SENSOR Corp. Business Overview
- Table 114. ELT SENSOR Corp. Advanced CO2 Sensors Production (K Units), Value (US\$ Million), Price (USD/Unit) and Gross Margin (2019-2024)
- Table 115. ELT SENSOR Corp. Advanced CO2 Sensors Product Portfolio
- Table 116. ELT SENSOR Corp. Recent Development
- Table 117. Cubic Sensor and Instrument Co.,Ltd Company Information
- Table 118. Cubic Sensor and Instrument Co.,Ltd Business Overview
- Table 119. Cubic Sensor and Instrument Co.,Ltd Advanced CO2 Sensors Production (K Units), Value (US\$ Million), Price (USD/Unit) and Gross Margin (2019-2024)
- Table 120. Cubic Sensor and Instrument Co.,Ltd Advanced CO2 Sensors Product Portfolio
- Table 121. Cubic Sensor and Instrument Co.,Ltd Recent Development
- Table 122. Global Advanced CO2 Sensors Production by Region: 2019 VS 2023 VS 2030 (K Units)
- Table 123. Global Advanced CO2 Sensors Production by Region (2019-2024) & (K Units)
- Table 124. Global Advanced CO2 Sensors Production Market Share by Region (2019-2024)
- Table 125. Global Advanced CO2 Sensors Production Forecast by Region (2025-2030) & (K Units)
- Table 126. Global Advanced CO2 Sensors Production Market Share Forecast by Region (2025-2030)
- Table 127. Global Advanced CO2 Sensors Production Value Comparison by Region: 2019 VS 2023 VS 2030 (US\$ Million)
- Table 128. Global Advanced CO2 Sensors Production Value by Region (2019-2024) & (US\$ Million)
- Table 129. Global Advanced CO2 Sensors Production Value Forecast by Region (2025-2030) & (US\$ Million)
- Table 130. Global Advanced CO2 Sensors Production Value Share Forecast by Region: (2025-2030) & (US\$ Million)
- Table 131. Global Advanced CO2 Sensors Market Average Price (USD/Unit) by Region (2019-2024)
- Table 132. Global Advanced CO2 Sensors Market Average Price (USD/Unit) by Region (2025-2030)
- Table 133. Global Advanced CO2 Sensors Consumption by Region: 2019 VS 2023 VS 2030 (K Units)
- Table 134. Global Advanced CO2 Sensors Consumption by Region (2019-2024) & (K

Units)

Table 135. Global Advanced CO2 Sensors Consumption Market Share by Region (2019-2024)

Table 136. Global Advanced CO2 Sensors Consumption Forecasted by Region (2025-2030) & (K Units)

Table 137. Global Advanced CO2 Sensors Consumption Forecasted Market Share by Region (2025-2030)

Table 138. North America Advanced CO2 Sensors Consumption Growth Rate by Country: 2019 VS 2023 VS 2030 (K Units)

Table 139. North America Advanced CO2 Sensors Consumption by Country (2019-2024) & (K Units)

Table 140. North America Advanced CO2 Sensors Consumption by Country (2025-2030) & (K Units)

Table 141. Europe Advanced CO2 Sensors Consumption Growth Rate by Country: 2019 VS 2023 VS 2030 (K Units)

Table 142. Europe Advanced CO2 Sensors Consumption by Country (2019-2024) & (K Units)

Table 143. Europe Advanced CO2 Sensors Consumption by Country (2025-2030) & (K Units)

Table 144. Asia Pacific Advanced CO2 Sensors Consumption Growth Rate by Country: 2019 VS 2023 VS 2030 (K Units)

Table 145. Asia Pacific Advanced CO2 Sensors Consumption by Country (2019-2024) & (K Units)

Table 146. Asia Pacific Advanced CO2 Sensors Consumption by Country (2025-2030) & (K Units)

Table 147. LAMEA Advanced CO2 Sensors Consumption Growth Rate by Country: 2019 VS 2023 VS 2030 (K Units)

Table 148. LAMEA Advanced CO2 Sensors Consumption by Country (2019-2024) & (K Units)

Table 149. LAMEA Advanced CO2 Sensors Consumption by Country (2025-2030) & (K Units)

Table 150. Key Raw Materials

Table 151. Raw Materials Key Suppliers

Table 152. Advanced CO2 Sensors Distributors List

Table 153. Advanced CO2 Sensors Customers List

Table 154. Research Programs/Design for This Report

Table 155. Authors List of This Report

Table 156. Secondary Sources

Table 157. Primary Sources

List Of Figures

LIST OF FIGURES

- Figure 1. Advanced CO2 Sensors Product Picture
- Figure 2. Global Advanced CO2 Sensors Production Value (US\$ Million), 2019 VS 2023 VS 2030
- Figure 3. Global Advanced CO2 Sensors Production Value (2019-2030) & (US\$ Million)
- Figure 4. Global Advanced CO2 Sensors Production Capacity (2019-2030) & (K Units)
- Figure 5. Global Advanced CO2 Sensors Production (2019-2030) & (K Units)
- Figure 6. Global Advanced CO2 Sensors Average Price (USD/Unit) & (2019-2030)
- Figure 7. Global Top 5 and 10 Advanced CO2 Sensors Players Market Share by Production Value in 2023
- Figure 8. Manufacturers Type (Tier 1, Tier 2, and Tier 3): 2019 VS 2023
- Figure 9. NDIR CO2 Sensor Picture
- Figure 10. Chemical CO2 Sensor Picture
- Figure 11. Global Advanced CO2 Sensors Production by Type (2019 VS 2023 VS 2030) & (K Units)
- Figure 12. Global Advanced CO2 Sensors Production Market Share 2019 VS 2023 VS 2030
- Figure 13. Global Advanced CO2 Sensors Production Market Share by Type (2019-2030)
- Figure 14. Global Advanced CO2 Sensors Production Value by Type (2019 VS 2023 VS 2030) & (K Units)
- Figure 15. Global Advanced CO2 Sensors Production Value Share 2019 VS 2023 VS 2030
- Figure 16. Global Advanced CO2 Sensors Production Value Share by Type (2019-2030)
- Figure 17. Automotive Picture
- Figure 18. Industrial Picture
- Figure 19. Building Automation Picture
- Figure 20. Air Conditioners Picture
- Figure 21. Air Purifier Picture
- Figure 22. Healthcare Picture
- Figure 23. Petrochemical Picture
- Figure 24. Others Picture
- Figure 25. Global Advanced CO2 Sensors Production by Application (2019 VS 2023 VS 2030) & (K Units)
- Figure 26. Global Advanced CO2 Sensors Production Market Share 2019 VS 2023 VS

2030

Figure 27. Global Advanced CO2 Sensors Production Market Share by Application (2019-2030)

Figure 28. Global Advanced CO2 Sensors Production Value by Application (2019 VS 2023 VS 2030) & (K Units)

Figure 29. Global Advanced CO2 Sensors Production Value Share 2019 VS 2023 VS 2030

Figure 30. Global Advanced CO2 Sensors Production Value Share by Application (2019-2030)

Figure 31. Global Advanced CO2 Sensors Production by Region: 2019 VS 2023 VS 2030 (K Units)

Figure 32. Global Advanced CO2 Sensors Production Market Share by Region: 2019 VS 2023 VS 2030

Figure 33. Global Advanced CO2 Sensors Production Value Comparison by Region: 2019 VS 2023 VS 2030 (US\$ Million)

Figure 34. Global Advanced CO2 Sensors Production Value Share by Region: 2019 VS 2023 VS 2030

Figure 35. North America Advanced CO2 Sensors Production Value (2019-2030) & (US\$ Million)

Figure 36. Europe Advanced CO2 Sensors Production Value (2019-2030) & (US\$ Million)

Figure 37. Asia-Pacific Advanced CO2 Sensors Production Value (2019-2030) & (US\$ Million)

Figure 38. Latin America Advanced CO2 Sensors Production Value (2019-2030) & (US\$ Million)

Figure 39. Middle East & Africa Advanced CO2 Sensors Production Value (2019-2030) & (US\$ Million)

Figure 40. North America Advanced CO2 Sensors Consumption and Growth Rate (2019-2030) & (K Units)

Figure 41. North America Advanced CO2 Sensors Consumption Market Share by Country (2019-2030)

Figure 42. U.S. Advanced CO2 Sensors Consumption and Growth Rate (2019-2030) & (K Units)

Figure 43. Canada Advanced CO2 Sensors Consumption and Growth Rate (2019-2030) & (K Units)

Figure 44. Europe Advanced CO2 Sensors Consumption and Growth Rate (2019-2030) & (K Units)

Figure 45. Europe Advanced CO2 Sensors Consumption Market Share by Country (2019-2030)

- Figure 46. Germany Advanced CO2 Sensors Consumption and Growth Rate (2019-2030) & (K Units)
- Figure 47. France Advanced CO2 Sensors Consumption and Growth Rate (2019-2030) & (K Units)
- Figure 48. U.K. Advanced CO2 Sensors Consumption and Growth Rate (2019-2030) & (K Units)
- Figure 49. Italy Advanced CO2 Sensors Consumption and Growth Rate (2019-2030) & (K Units)
- Figure 50. Netherlands Advanced CO2 Sensors Consumption and Growth Rate (2019-2030) & (K Units)
- Figure 51. Asia Pacific Advanced CO2 Sensors Consumption and Growth Rate (2019-2030) & (K Units)
- Figure 52. Asia Pacific Advanced CO2 Sensors Consumption Market Share by Country (2019-2030)
- Figure 53. China Advanced CO2 Sensors Consumption and Growth Rate (2019-2030) & (K Units)
- Figure 54. Japan Advanced CO2 Sensors Consumption and Growth Rate (2019-2030) & (K Units)
- Figure 55. South Korea Advanced CO2 Sensors Consumption and Growth Rate (2019-2030) & (K Units)
- Figure 56. Southeast Asia Advanced CO2 Sensors Consumption and Growth Rate (2019-2030) & (K Units)
- Figure 57. India Advanced CO2 Sensors Consumption and Growth Rate (2019-2030) & (K Units)
- Figure 58. Australia Advanced CO2 Sensors Consumption and Growth Rate (2019-2030) & (K Units)
- Figure 59. LAMEA Advanced CO2 Sensors Consumption and Growth Rate (2019-2030) & (K Units)
- Figure 60. LAMEA Advanced CO2 Sensors Consumption Market Share by Country (2019-2030)
- Figure 61. Mexico Advanced CO2 Sensors Consumption and Growth Rate (2019-2030) & (K Units)
- Figure 62. Brazil Advanced CO2 Sensors Consumption and Growth Rate (2019-2030) & (K Units)
- Figure 63. Turkey Advanced CO2 Sensors Consumption and Growth Rate (2019-2030) & (K Units)
- Figure 64. GCC Countries Advanced CO2 Sensors Consumption and Growth Rate (2019-2030) & (K Units)
- Figure 65. Advanced CO2 Sensors Value Chain

Figure 66. Manufacturing Cost Structure

Figure 67. Advanced CO2 Sensors Production Mode & Process

Figure 68. Direct Comparison with Distribution Share

Figure 69. Distributors Profiles

Figure 70. Years Considered

Figure 71. Research Process

Figure 72. Key Executives Interviewed

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