

Global Advanced CO2 Sensors Market Size, Manufacturers, Opportunities and Forecast to 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 was estimated at US\$ million in 2023 and is projected to reach a revised size of US\$ million by 2030, witnessing a CAGR of xx% during the forecast period 2024-2030.

North American 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.

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.

Report Scope

This report aims to provide a comprehensive presentation of the global market for Advanced CO2 Sensors, with both quantitative and qualitative analysis, to help readers develop business/growth strategies, assess the market competitive situation, analyze their position in the current marketplace, and make informed business decisions regarding Advanced CO2 Sensors.

The Advanced CO2 Sensors market size, estimations, and forecasts are provided in terms of sales volume (K Units) and revenue (\$ millions), considering 2023 as the base year, with history and forecast data for the period from 2019 to 2030. This report segments the global Advanced CO2 Sensors market comprehensively. Regional market sizes, concerning products by Type, by Application, and by players, are also provided. For a more in-depth understanding of the market, the report provides profiles of the competitive landscape, key competitors, and their respective market ranks. The report also discusses technological trends and new product developments.

Key Companies & Market Share Insights

In this section, the readers will gain an understanding of the key players competing. This report has studied the key growth strategies, such as innovative trends and developments, intensification of product portfolio, mergers and acquisitions, collaborations, new product innovation, and geographical expansion, undertaken by these participants to maintain their presence. Apart from business strategies, the study includes current developments and key financials. The readers will also get access to the data related to global revenue, price, and sales by manufacturers for the period 2019-2024. This all-inclusive report will certainly serve the clients to stay updated and make effective decisions in their businesses. Some of the prominent players reviewed in the research report include:

Siemens AG

Honeywell

Vaisala

SenseAir (Asahi Kasei)

Amphenol Corporation

Sensirion AG

Trane

E + E ELEKTRONIK

Figaro

Gas Sensing Solutions

Ati Airtest 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

Key Drivers & Barriers

High-impact rendering factors and drivers have been studied in this report to aid the readers to understand the general development. Moreover, the report includes restraints and challenges that may act as stumbling blocks on the way of the players. This will assist the users to be attentive and make informed decisions related to business. Specialists have also laid their focus on the upcoming business prospects.

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: Introduces the study scope of this report, executive summary of market segments by type, market size segments for North America, Europe, Asia Pacific, Latin America, Middle East & Africa.

Chapter 2: Introduces the market dynamics, latest developments of the market, the driving factors and restrictive factors of the market, the challenges and risks faced by manufacturers in the industry, and the analysis of relevant policies in the industry.

Chapter 3: Detailed analysis of Advanced CO2 Sensors manufacturers competitive landscape, price, sales, revenue, market share and ranking, latest development plan, merger, and acquisition information, etc.

Chapter 4: Sales, revenue of Advanced CO2 Sensors in regional level. It provides a quantitative analysis of the market size and development potential of each region and introduces the future development prospects, and market space in the world.

Chapter 5: Introduces market segments by application, market size segment for North America, Europe, Asia Pacific, Latin America, Middle East & Africa.

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

Chapter 7, 8, 9, 10 and 11: North America, Europe, Asia Pacific, Latin America, Middle East & Africa, sales and revenue by country.

Chapter 12: Analysis of industrial chain, key raw materials, manufacturing cost, and market dynamics.

Chapter 13: 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 Market Size Estimates and Forecasts (2019-2030)
 - 1.2.2 Global Advanced CO2 Sensors Sales Estimates and Forecasts (2019-2030)
- 1.3 Advanced CO2 Sensors Market by Type
 - 1.3.1 NDIR CO2 Sensor
 - 1.3.2 Chemical CO2 Sensor
- 1.4 Global Advanced CO2 Sensors Market Size by Type
 - 1.4.1 Global Advanced CO2 Sensors Market Size Overview by Type (2019-2030)
 - 1.4.2 Global Advanced CO2 Sensors Historic Market Size Review by Type (2019-2024)
 - 1.4.3 Global Advanced CO2 Sensors Forecasted Market Size by Type (2025-2030)
- 1.5 Key Regions Market Size by Type
 - 1.5.1 North America Advanced CO2 Sensors Sales Breakdown by Type (2019-2024)
 - 1.5.2 Europe Advanced CO2 Sensors Sales Breakdown by Type (2019-2024)
 - 1.5.3 Asia-Pacific Advanced CO2 Sensors Sales Breakdown by Type (2019-2024)
 - 1.5.4 Latin America Advanced CO2 Sensors Sales Breakdown by Type (2019-2024)
 - 1.5.5 Middle East and Africa Advanced CO2 Sensors Sales Breakdown by Type (2019-2024)

2 GLOBAL 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 MARKET COMPETITIVE LANDSCAPE BY COMPANY

- 3.1 Global Top Players by Advanced CO2 Sensors Revenue (2019-2024)
- 3.2 Global Top Players by Advanced CO2 Sensors Sales (2019-2024)
- 3.3 Global Top Players by Advanced CO2 Sensors Price (2019-2024)
- 3.4 Global Advanced CO2 Sensors Industry Company Ranking, 2022 VS 2023 VS 2024
- 3.5 Global Advanced CO2 Sensors Key Company Manufacturing Sites & Headquarters

3.6 Global Advanced CO2 Sensors Company, Product Type & Application

3.7 Global Advanced CO2 Sensors Company 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 Revenue in 2023

3.8.3 2023 Advanced CO2 Sensors Tier 1, Tier 2, and Tier

4 ADVANCED CO2 SENSORS REGIONAL STATUS AND OUTLOOK

4.1 Global Advanced CO2 Sensors Market Size and CAGR by Region: 2019 VS 2023 VS 2030

4.2 Global Advanced CO2 Sensors Historic Market Size by Region

4.2.1 Global Advanced CO2 Sensors Sales in Volume by Region (2019-2024)

4.2.2 Global Advanced CO2 Sensors Sales in Value by Region (2019-2024)

4.2.3 Global Advanced CO2 Sensors Sales (Volume & Value), Price and Gross Margin (2019-2024)

4.3 Global Advanced CO2 Sensors Forecasted Market Size by Region

4.3.1 Global Advanced CO2 Sensors Sales in Volume by Region (2025-2030)

4.3.2 Global Advanced CO2 Sensors Sales in Value by Region (2025-2030)

4.3.3 Global Advanced CO2 Sensors Sales (Volume & Value), Price and Gross Margin (2025-2030)

5 ADVANCED CO2 SENSORS BY APPLICATION

5.1 Advanced CO2 Sensors Market by Application

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 Market Size by Application

5.2.1 Global Advanced CO2 Sensors Market Size Overview by Application (2019-2030)

5.2.2 Global Advanced CO2 Sensors Historic Market Size Review by Application (2019-2024)

5.2.3 Global Advanced CO2 Sensors Forecasted Market Size by Application
(2025-2030)

5.3 Key Regions Market Size by Application

5.3.1 North America Advanced CO2 Sensors Sales Breakdown by Application
(2019-2024)

5.3.2 Europe Advanced CO2 Sensors Sales Breakdown by Application (2019-2024)

5.3.3 Asia-Pacific Advanced CO2 Sensors Sales Breakdown by Application
(2019-2024)

5.3.4 Latin America Advanced CO2 Sensors Sales Breakdown by Application
(2019-2024)

5.3.5 Middle East and Africa Advanced CO2 Sensors Sales Breakdown by Application
(2019-2024)

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 Sales, Revenue 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 Sales, Revenue 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 Sales, Revenue 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 Sales, Revenue 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 Sales, Revenue 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 Sales, Revenue 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 Sales, Revenue 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 Sales, Revenue 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 Sales, Revenue 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 Sales, Revenue 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 Sales, Revenue 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 Sales, Revenue 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 Sales, Revenue 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 Sales, Revenue 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 Sales, Revenue 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 NORTH AMERICA BY COUNTRY

7.1 North America Advanced CO2 Sensors Sales by Country

7.1.1 North America Advanced CO2 Sensors Sales Growth Rate (CAGR) by Country: 2019 VS 2023 VS 2030

7.1.2 North America Advanced CO2 Sensors Sales by Country (2019-2024)

7.1.3 North America Advanced CO2 Sensors Sales Forecast by Country (2025-2030)

7.2 North America Advanced CO2 Sensors Market Size by Country

7.2.1 North America Advanced CO2 Sensors Market Size Growth Rate (CAGR) by Country: 2019 VS 2023 VS 2030

7.2.2 North America Advanced CO2 Sensors Market Size by Country (2019-2024)

7.2.3 North America Advanced CO2 Sensors Market Size Forecast by Country (2025-2030)

8 EUROPE BY COUNTRY

8.1 Europe Advanced CO2 Sensors Sales by Country

8.1.1 Europe Advanced CO2 Sensors Sales Growth Rate (CAGR) by Country: 2019 VS 2023 VS 2030

8.1.2 Europe Advanced CO2 Sensors Sales by Country (2019-2024)

8.1.3 Europe Advanced CO2 Sensors Sales Forecast by Country (2025-2030)

8.2 Europe Advanced CO2 Sensors Market Size by Country

8.2.1 Europe Advanced CO2 Sensors Market Size Growth Rate (CAGR) by Country: 2019 VS 2023 VS 2030

8.2.2 Europe Advanced CO2 Sensors Market Size by Country (2019-2024)

8.2.3 Europe Advanced CO2 Sensors Market Size Forecast by Country (2025-2030)

9 ASIA-PACIFIC BY COUNTRY

9.1 Asia-Pacific Advanced CO2 Sensors Sales by Country

9.1.1 Asia-Pacific Advanced CO2 Sensors Sales Growth Rate (CAGR) by Country: 2019 VS 2023 VS 2030

9.1.2 Asia-Pacific Advanced CO2 Sensors Sales by Country (2019-2024)

9.1.3 Asia-Pacific Advanced CO2 Sensors Sales Forecast by Country (2025-2030)

9.2 Asia-Pacific Advanced CO2 Sensors Market Size by Country

9.2.1 Asia-Pacific Advanced CO2 Sensors Market Size Growth Rate (CAGR) by Country: 2019 VS 2023 VS 2030

9.2.2 Asia-Pacific Advanced CO2 Sensors Market Size by Country (2019-2024)

9.2.3 Asia-Pacific Advanced CO2 Sensors Market Size Forecast by Country (2025-2030)

10 LATIN AMERICA BY COUNTRY

10.1 Latin America Advanced CO2 Sensors Sales by Country

10.1.1 Latin America Advanced CO2 Sensors Sales Growth Rate (CAGR) by Country: 2019 VS 2023 VS 2030

10.1.2 Latin America Advanced CO2 Sensors Sales by Country (2019-2024)

10.1.3 Latin America Advanced CO2 Sensors Sales Forecast by Country (2025-2030)

10.2 Latin America Advanced CO2 Sensors Market Size by Country

10.2.1 Latin America Advanced CO2 Sensors Market Size Growth Rate (CAGR) by Country: 2019 VS 2023 VS 2030

10.2.2 Latin America Advanced CO2 Sensors Market Size by Country (2019-2024)

10.2.3 Latin America Advanced CO2 Sensors Market Size Forecast by Country (2025-2030)

11 MIDDLE EAST AND AFRICA BY COUNTRY

11.1 Middle East and Africa Advanced CO2 Sensors Sales by Country

11.1.1 Middle East and Africa Advanced CO2 Sensors Sales Growth Rate (CAGR) by Country: 2019 VS 2023 VS 2030

11.1.2 Middle East and Africa Advanced CO2 Sensors Sales by Country (2019-2024)

11.1.3 Middle East and Africa Advanced CO2 Sensors Sales Forecast by Country (2025-2030)

11.2 Middle East and Africa Advanced CO2 Sensors Market Size by Country

11.2.1 Middle East and Africa Advanced CO2 Sensors Market Size Growth Rate (CAGR) by Country: 2019 VS 2023 VS 2030

11.2.2 Middle East and Africa Advanced CO2 Sensors Market Size by Country (2019-2024)

11.2.3 Middle East and Africa Advanced CO2 Sensors Market Size Forecast by Country (2025-2030)

12 VALUE CHAIN AND SALES CHANNELS ANALYSIS

- 12.1 Advanced CO2 Sensors Value Chain Analysis
 - 12.1.1 Advanced CO2 Sensors Key Raw Materials
 - 12.1.2 Key Raw Materials Price
 - 12.1.3 Raw Materials Key Suppliers
 - 12.1.4 Manufacturing Cost Structure
 - 12.1.5 Advanced CO2 Sensors Production Mode & Process
- 12.2 Advanced CO2 Sensors Sales Channels Analysis
 - 12.2.1 Direct Comparison with Distribution Share
 - 12.2.2 Advanced CO2 Sensors Distributors
 - 12.2.3 Advanced CO2 Sensors Customers

13 CONCLUDING INSIGHTS

14 APPENDIX

- 14.1 Reasons for Doing This Study
- 14.2 Research Methodology
- 14.3 Research Process
- 14.4 Authors List of This Report
- 14.5 Data Source
 - 14.5.1 Secondary Sources
 - 14.5.2 Primary Sources
- 14.6 Disclaimer

List Of Tables

LIST OF TABLES

Table 1. Major Company of NDIR CO2 Sensor

Table 2. Major Company of Chemical CO2 Sensor

Table 3. Global Advanced CO2 Sensors Sales by Type (2019 VS 2023 VS 2030) & (US\$ Million)

Table 4. Global Advanced CO2 Sensors Sales by Type (2019-2024) & (K Units)

Table 5. Global Advanced CO2 Sensors Sales Market Share in Volume by Type (2019-2024)

Table 6. Global Advanced CO2 Sensors Sales by Type (2019-2024) & (US\$ Million)

Table 7. Global Advanced CO2 Sensors Sales Market Share in Value by Type (2019-2024)

Table 8. Global Advanced CO2 Sensors Price by Type (2019-2024) & (USD/Unit)

Table 9. Global Advanced CO2 Sensors Sales by Type (2025-2030) & (K Units)

Table 10. Global Advanced CO2 Sensors Sales Market Share in Volume by Type (2025-2030)

Table 11. Global Advanced CO2 Sensors Sales by Type (2025-2030) & (US\$ Million)

Table 12. Global Advanced CO2 Sensors Sales Market Share in Value by Type (2025-2030)

Table 13. Global Advanced CO2 Sensors Price by Type (2025-2030) & (USD/Unit)

Table 14. North America Advanced CO2 Sensors Sales by Type (2019-2024) & (K Units)

Table 15. North America Advanced CO2 Sensors Sales by Type (2019-2024) & (US\$ Million)

Table 16. Europe Advanced CO2 Sensors Sales by Type (2019-2024) & (K Units)

Table 17. Europe Advanced CO2 Sensors Sales by Type (2019-2024) & (US\$ Million)

Table 18. Asia-Pacific Advanced CO2 Sensors Sales by Type (2019-2024) & (K Units)

Table 19. Asia-Pacific Advanced CO2 Sensors Sales by Type (2019-2024) & (US\$ Million)

Table 20. Latin America Advanced CO2 Sensors Sales by Type (2019-2024) & (K Units)

Table 21. Latin America Advanced CO2 Sensors Sales by Type (2019-2024) & (US\$ Million)

Table 22. Middle East and Africa Advanced CO2 Sensors Sales by Type (2019-2024) & (K Units)

Table 23. Middle East and Africa Advanced CO2 Sensors Sales by Type (2019-2024) & (US\$ Million)

Table 24. Advanced CO2 Sensors Industry Trends

Table 25. Advanced CO2 Sensors Industry Drivers

Table 26. Advanced CO2 Sensors Industry Opportunities and Challenges

Table 27. Advanced CO2 Sensors Industry Restraints

Table 28. Global Advanced CO2 Sensors Sales Revenue by Company (US\$ Million) & (2019-2024)

Table 29. Global Advanced CO2 Sensors Revenue Market Share by Company (2019-2024)

Table 30. Global Advanced CO2 Sensors Sales by Company (2019-2024) & (K Units)

Table 31. Global Advanced CO2 Sensors Sales Share by Company (2019-2024)

Table 32. Global Advanced CO2 Sensors Market Price by Company (2019-2024) & (USD/Unit)

Table 33. Global Advanced CO2 Sensors Industry Company Ranking, 2022 VS 2023 VS 2024

Table 34. Global Advanced CO2 Sensors Key Company Manufacturing Sites & Headquarters

Table 35. Global Advanced CO2 Sensors Company, Product Type & Application

Table 36. Global Advanced CO2 Sensors Company Commercialization Time

Table 37. Global Company Market Concentration Ratio (CR5 and HHI)

Table 38. Global Advanced CO2 Sensors by Company Type (Tier 1, Tier 2, and Tier 3) & (based on the Revenue of 2023)

Table 39. Global Advanced CO2 Sensors Market Size Comparison by Region (US\$ Million): 2019 VS 2023 VS 2030

Table 40. Global Advanced CO2 Sensors Sales by Region (2019-2024) & (K Units)

Table 41. Global Advanced CO2 Sensors Sales Market Share in Volume by Region (2019-2024)

Table 42. Global Advanced CO2 Sensors Sales by Region (2019-2024) & (US\$ Million)

Table 43. Global Advanced CO2 Sensors Sales Market Share in Value by Region (2019-2024)

Table 44. Global Advanced CO2 Sensors Sales (K Units), Value (US\$ Million), Price (USD/Unit) and Gross Margin (2019-2024)

Table 45. Global Advanced CO2 Sensors Sales by Region (2025-2030) & (K Units)

Table 46. Global Advanced CO2 Sensors Sales Market Share in Volume by Region (2025-2030)

Table 47. Global Advanced CO2 Sensors Sales by Region (2025-2030) & (US\$ Million)

Table 48. Global Advanced CO2 Sensors Sales Market Share in Value by Region (2025-2030)

Table 49. Global Advanced CO2 Sensors Sales (K Units), Value (US\$ Million), Price (USD/Unit) and Gross Margin (2025-2030)

Table 50. Global Advanced CO2 Sensors Sales by Application (2019 VS 2023 VS 2030) & (US\$ Million)

Table 51. Global Advanced CO2 Sensors Sales by Application (2019-2024) & (K Units)

Table 52. Global Advanced CO2 Sensors Sales Market Share in Volume by Application (2019-2024)

Table 53. Global Advanced CO2 Sensors Sales by Application (2019-2024) & (US\$ Million)

Table 54. Global Advanced CO2 Sensors Sales Market Share in Value by Application (2019-2024)

Table 55. Global Advanced CO2 Sensors Price by Application (2019-2024) & (USD/Unit)

Table 56. Global Advanced CO2 Sensors Sales by Application (2025-2030) & (K Units)

Table 57. Global Advanced CO2 Sensors Sales Market Share in Volume by Application (2025-2030)

Table 58. Global Advanced CO2 Sensors Sales by Application (2025-2030) & (US\$ Million)

Table 59. Global Advanced CO2 Sensors Sales Market Share in Value by Application (2025-2030)

Table 60. Global Advanced CO2 Sensors Price by Application (2025-2030) & (USD/Unit)

Table 61. North America Advanced CO2 Sensors Sales by Application (2019-2024) & (K Units)

Table 62. North America Advanced CO2 Sensors Sales by Application (2019-2024) & (US\$ Million)

Table 63. Europe Advanced CO2 Sensors Sales by Application (2019-2024) & (K Units)

Table 64. Europe Advanced CO2 Sensors Sales by Application (2019-2024) & (US\$ Million)

Table 65. Asia-Pacific Advanced CO2 Sensors Sales by Application (2019-2024) & (K Units)

Table 66. Asia-Pacific Advanced CO2 Sensors Sales by Application (2019-2024) & (US\$ Million)

Table 67. Latin America Advanced CO2 Sensors Sales by Application (2019-2024) & (K Units)

Table 68. Latin America Advanced CO2 Sensors Sales by Application (2019-2024) & (US\$ Million)

Table 69. Middle East and Africa Advanced CO2 Sensors Sales by Application (2019-2024) & (K Units)

Table 70. Middle East and Africa Advanced CO2 Sensors Sales by Application (2019-2024) & (US\$ Million)

- Table 71. Siemens AG Company Information
- Table 72. Siemens AG Business Overview
- Table 73. Siemens AG Advanced CO2 Sensors Sales (K Units), Revenue (US\$ Million), Price (USD/Unit) and Gross Margin (2019-2024)
- Table 74. Siemens AG Advanced CO2 Sensors Product Portfolio
- Table 75. Siemens AG Recent Development
- Table 76. Honeywell Company Information
- Table 77. Honeywell Business Overview
- Table 78. Honeywell Advanced CO2 Sensors Sales (K Units), Revenue (US\$ Million), Price (USD/Unit) and Gross Margin (2019-2024)
- Table 79. Honeywell Advanced CO2 Sensors Product Portfolio
- Table 80. Honeywell Recent Development
- Table 81. Vaisala Company Information
- Table 82. Vaisala Business Overview
- Table 83. Vaisala Advanced CO2 Sensors Sales (K Units), Revenue (US\$ Million), Price (USD/Unit) and Gross Margin (2019-2024)
- Table 84. Vaisala Advanced CO2 Sensors Product Portfolio
- Table 85. Vaisala Recent Development
- Table 86. SenseAir (Asahi Kasei) Company Information
- Table 87. SenseAir (Asahi Kasei) Business Overview
- Table 88. SenseAir (Asahi Kasei) Advanced CO2 Sensors Sales (K Units), Revenue (US\$ Million), Price (USD/Unit) and Gross Margin (2019-2024)
- Table 89. SenseAir (Asahi Kasei) Advanced CO2 Sensors Product Portfolio
- Table 90. SenseAir (Asahi Kasei) Recent Development
- Table 91. Amphenol Corporation Company Information
- Table 92. Amphenol Corporation Business Overview
- Table 93. Amphenol Corporation Advanced CO2 Sensors Sales (K Units), Revenue (US\$ Million), Price (USD/Unit) and Gross Margin (2019-2024)
- Table 94. Amphenol Corporation Advanced CO2 Sensors Product Portfolio
- Table 95. Amphenol Corporation Recent Development
- Table 96. Sensirion AG Company Information
- Table 97. Sensirion AG Business Overview
- Table 98. Sensirion AG Advanced CO2 Sensors Sales (K Units), Revenue (US\$ Million), Price (USD/Unit) and Gross Margin (2019-2024)
- Table 99. Sensirion AG Advanced CO2 Sensors Product Portfolio
- Table 100. Sensirion AG Recent Development
- Table 101. Trane Company Information
- Table 102. Trane Business Overview
- Table 103. Trane Advanced CO2 Sensors Sales (K Units), Revenue (US\$ Million), Price

(USD/Unit) and Gross Margin (2019-2024)

Table 104. Trane Advanced CO2 Sensors Product Portfolio

Table 105. Trane Recent Development

Table 106. E + E ELEKTRONIK Company Information

Table 107. E + E ELEKTRONIK Business Overview

Table 108. E + E ELEKTRONIK Advanced CO2 Sensors Sales (K Units), Revenue (US\$ Million), Price (USD/Unit) and Gross Margin (2019-2024)

Table 109. E + E ELEKTRONIK Advanced CO2 Sensors Product Portfolio

Table 110. E + E ELEKTRONIK Recent Development

Table 111. Figaro Company Information

Table 112. Figaro Business Overview

Table 113. Figaro Advanced CO2 Sensors Sales (K Units), Revenue (US\$ Million), Price (USD/Unit) and Gross Margin (2019-2024)

Table 114. Figaro Advanced CO2 Sensors Product Portfolio

Table 115. Figaro Recent Development

Table 116. Gas Sensing Solutions Company Information

Table 117. Gas Sensing Solutions Business Overview

Table 118. Gas Sensing Solutions Advanced CO2 Sensors Sales (K Units), Revenue (US\$ Million), Price (USD/Unit) and Gross Margin (2019-2024)

Table 119. Gas Sensing Solutions Advanced CO2 Sensors Product Portfolio

Table 120. Gas Sensing Solutions Recent Development

Table 121. Ati Airtest Technologies Inc. Company Information

Table 122. Ati Airtest Technologies Inc. Business Overview

Table 123. Ati Airtest Technologies Inc. Advanced CO2 Sensors Sales (K Units), Revenue (US\$ Million), Price (USD/Unit) and Gross Margin (2019-2024)

Table 124. Ati Airtest Technologies Inc. Advanced CO2 Sensors Product Portfolio

Table 125. Ati Airtest Technologies Inc. Recent Development

Table 126. Zhengzhou Winsen Electronics Technology Co., Ltd. (Henan Hanwei Electronics) Company Information

Table 127. Zhengzhou Winsen Electronics Technology Co., Ltd. (Henan Hanwei Electronics) Business Overview

Table 128. Zhengzhou Winsen Electronics Technology Co., Ltd. (Henan Hanwei Electronics) Advanced CO2 Sensors Sales (K Units), Revenue (US\$ Million), Price (USD/Unit) and Gross Margin (2019-2024)

Table 129. Zhengzhou Winsen Electronics Technology Co., Ltd. (Henan Hanwei Electronics) Advanced CO2 Sensors Product Portfolio

Table 130. Zhengzhou Winsen Electronics Technology Co., Ltd. (Henan Hanwei Electronics) Recent Development

Table 131. Digital Control System Inc Company Information

- Table 132. Digital Control System Inc Business Overview
- Table 133. Digital Control System Inc Advanced CO2 Sensors Sales (K Units), Revenue (US\$ Million), Price (USD/Unit) and Gross Margin (2019-2024)
- Table 134. Digital Control System Inc Advanced CO2 Sensors Product Portfolio
- Table 135. Digital Control System Inc Recent Development
- Table 136. ELT SENSOR Corp. Company Information
- Table 137. ELT SENSOR Corp. Business Overview
- Table 138. ELT SENSOR Corp. Advanced CO2 Sensors Sales (K Units), Revenue (US\$ Million), Price (USD/Unit) and Gross Margin (2019-2024)
- Table 139. ELT SENSOR Corp. Advanced CO2 Sensors Product Portfolio
- Table 140. ELT SENSOR Corp. Recent Development
- Table 141. Cubic Sensor and Instrument Co.,Ltd Company Information
- Table 142. Cubic Sensor and Instrument Co.,Ltd Business Overview
- Table 143. Cubic Sensor and Instrument Co.,Ltd Advanced CO2 Sensors Sales (K Units), Revenue (US\$ Million), Price (USD/Unit) and Gross Margin (2019-2024)
- Table 144. Cubic Sensor and Instrument Co.,Ltd Advanced CO2 Sensors Product Portfolio
- Table 145. Cubic Sensor and Instrument Co.,Ltd Recent Development
- Table 146. North America Advanced CO2 Sensors Market Size Growth Rate (CAGR) by Country (K Units): 2019 VS 2023 VS 2030
- Table 147. North America Advanced CO2 Sensors Sales by Country (2019-2024) & (K Units)
- Table 148. North America Advanced CO2 Sensors Sales Market Share by Country (2019-2024)
- Table 149. North America Advanced CO2 Sensors Sales Forecast by Country (2025-2030) & (K Units)
- Table 150. North America Advanced CO2 Sensors Sales Market Share Forecast by Country (2025-2030)
- Table 151. North America Advanced CO2 Sensors Market Size Growth Rate (CAGR) by Country (US\$ Million): 2019 VS 2023 VS 2030
- Table 152. North America Advanced CO2 Sensors Market Size by Country (2019-2024) & (US\$ Million)
- Table 153. North America Advanced CO2 Sensors Market Share by Country (2019-2024)
- Table 154. North America Advanced CO2 Sensors Market Size Forecast by Country (2025-2030) & (US\$ Million)
- Table 155. North America Advanced CO2 Sensors Market Share Forecast by Country (2025-2030)
- Table 156. Europe Advanced CO2 Sensors Market Size Growth Rate (CAGR) by

Country (K Units): 2019 VS 2023 VS 2030

Table 157. Europe Advanced CO2 Sensors Sales by Country (2019-2024) & (K Units)

Table 158. Europe Advanced CO2 Sensors Sales Market Share by Country (2019-2024)

Table 159. Europe Advanced CO2 Sensors Sales Forecast by Country (2025-2030) & (K Units)

Table 160. Europe Advanced CO2 Sensors Sales Market Share Forecast by Country (2025-2030)

Table 161. Europe Advanced CO2 Sensors Market Size Growth Rate (CAGR) by Country (US\$ Million): 2019 VS 2023 VS 2030

Table 162. Europe Advanced CO2 Sensors Market Size by Country (2019-2024) & (US\$ Million)

Table 163. Europe Advanced CO2 Sensors Market Share by Country (2019-2024)

Table 164. Europe Advanced CO2 Sensors Market Size Forecast by Country (2025-2030) & (US\$ Million)

Table 165. Europe Advanced CO2 Sensors Market Share Forecast by Country (2025-2030)

Table 166. Asia-Pacific Advanced CO2 Sensors Market Size Growth Rate (CAGR) by Country (K Units): 2019 VS 2023 VS 2030

Table 167. Asia-Pacific Advanced CO2 Sensors Sales by Country (2019-2024) & (K Units)

Table 168. Asia-Pacific Advanced CO2 Sensors Sales Market Share by Country (2019-2024)

Table 169. Asia-Pacific Advanced CO2 Sensors Sales Forecast by Country (2025-2030) & (K Units)

Table 170. Asia-Pacific Advanced CO2 Sensors Sales Market Share Forecast by Country (2025-2030)

Table 171. Asia-Pacific Advanced CO2 Sensors Market Size Growth Rate (CAGR) by Country (US\$ Million): 2019 VS 2023 VS 2030

Table 172. Asia-Pacific Advanced CO2 Sensors Market Size by Country (2019-2024) & (US\$ Million)

Table 173. Asia-Pacific Advanced CO2 Sensors Market Share by Country (2019-2024)

Table 174. Asia-Pacific Advanced CO2 Sensors Market Size Forecast by Country (2025-2030) & (US\$ Million)

Table 175. Asia-Pacific Advanced CO2 Sensors Market Share Forecast by Country (2025-2030)

Table 176. Latin America Advanced CO2 Sensors Market Size Growth Rate (CAGR) by Country (K Units): 2019 VS 2023 VS 2030

Table 177. Latin America Advanced CO2 Sensors Sales by Country (2019-2024) & (K

Units)

Table 178. Latin America Advanced CO2 Sensors Sales Market Share by Country (2019-2024)

Table 179. Latin America Advanced CO2 Sensors Sales Forecast by Country (2025-2030) & (K Units)

Table 180. Latin America Advanced CO2 Sensors Sales Market Share Forecast by Country (2025-2030)

Table 181. Latin America Advanced CO2 Sensors Market Size Growth Rate (CAGR) by Country (US\$ Million): 2019 VS 2023 VS 2030

Table 182. Latin America Advanced CO2 Sensors Market Size by Country (2019-2024) & (US\$ Million)

Table 183. Latin America Advanced CO2 Sensors Market Share by Country (2019-2024)

Table 184. Latin America Advanced CO2 Sensors Market Size Forecast by Country (2025-2030) & (US\$ Million)

Table 185. Latin America Advanced CO2 Sensors Market Share Forecast by Country (2025-2030)

Table 186. Middle East and Africa Advanced CO2 Sensors Market Size Growth Rate (CAGR) by Country (K Units): 2019 VS 2023 VS 2030

Table 187. Middle East and Africa Advanced CO2 Sensors Sales by Country (2019-2024) & (K Units)

Table 188. Middle East and Africa Advanced CO2 Sensors Sales Market Share by Country (2019-2024)

Table 189. Middle East and Africa Advanced CO2 Sensors Sales Forecast by Country (2025-2030) & (K Units)

Table 190. Middle East and Africa Advanced CO2 Sensors Sales Market Share Forecast by Country (2025-2030)

Table 191. Middle East and Africa Advanced CO2 Sensors Market Size Growth Rate (CAGR) by Country (US\$ Million): 2019 VS 2023 VS 2030

Table 192. Middle East and Africa Advanced CO2 Sensors Market Size by Country (2019-2024) & (US\$ Million)

Table 193. Middle East and Africa Advanced CO2 Sensors Market Share by Country (2019-2024)

Table 194. Middle East and Africa Advanced CO2 Sensors Market Size Forecast by Country (2025-2030) & (US\$ Million)

Table 195. Middle East and Africa Advanced CO2 Sensors Market Share Forecast by Country (2025-2030)

Table 196. Key Raw Materials

Table 197. Raw Materials Key Suppliers

- Table 198. Advanced CO2 Sensors Distributors List
- Table 199. Advanced CO2 Sensors Customers List
- Table 200. Research Programs/Design for This Report
- Table 201. Authors List of This Report
- Table 202. Secondary Sources
- Table 203. Primary Sources

List Of Figures

LIST OF FIGURES

Figure 1. Advanced CO2 Sensors Product Picture

Figure 2. Global Advanced CO2 Sensors Market Size (US\$ Million), 2019 VS 2023 VS 2030

Figure 3. Global Advanced CO2 Sensors Market Size (2019-2030) & (US\$ Million)

Figure 4. Global Advanced CO2 Sensors Sales (2019-2030) & (K Units)

Figure 5. Product Picture of NDIR CO2 Sensor

Figure 6. Global NDIR CO2 Sensor Sales YoY Growth (2019-2030) & (K Units)

Figure 7. Product Picture of Chemical CO2 Sensor

Figure 8. Global Chemical CO2 Sensor Sales YoY Growth (2019-2030) & (K Units)

Figure 9. Global Advanced CO2 Sensors Market Size Overview by Type (2019-2030) & (US\$ Million)

Figure 10. Global Advanced CO2 Sensors Market Share by Type 2023 VS 2030

Figure 11. North America Advanced CO2 Sensors Sales Mar

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