

# Global NDIR-type Gas Sensor Supply, Demand and Key Producers, 2023-2029

<https://marketpublishers.com/r/G08983284D65EN.html>

Date: May 2023

Pages: 116

Price: US\$ 4,480.00 (Single User License)

ID: G08983284D65EN

## Abstracts

The global NDIR-type Gas Sensor market size is expected to reach \$ million by 2029, rising at a market growth of % CAGR during the forecast period (2023-2029).

NDIR gas sensor consist of an infrared source, detector, optical filter, gas cell, and electronics for signal processing. A single light source, dual wavelength type gas sensor has two detectors and two optical filters of different wavelengths which are placed in front of each detector.

This report studies the global NDIR-type Gas Sensor production, demand, key manufacturers, and key regions.

This report is a detailed and comprehensive analysis of the world market for NDIR-type Gas Sensor, and provides market size (US\$ million) and Year-over-Year (YoY) Growth, considering 2022 as the base year. This report explores demand trends and competition, as well as details the characteristics of NDIR-type Gas Sensor that contribute to its increasing demand across many markets.

Highlights and key features of the study

Global NDIR-type Gas Sensor total production and demand, 2018-2029, (K Units)

Global NDIR-type Gas Sensor total production value, 2018-2029, (USD Million)

Global NDIR-type Gas Sensor production by region & country, production, value, CAGR, 2018-2029, (USD Million) & (K Units)

Global NDIR-type Gas Sensor consumption by region & country, CAGR, 2018-2029 & (K Units)

U.S. VS China: NDIR-type Gas Sensor domestic production, consumption, key domestic manufacturers and share

Global NDIR-type Gas Sensor production by manufacturer, production, price, value and market share 2018-2023, (USD Million) & (K Units)

Global NDIR-type Gas Sensor production by Type, production, value, CAGR, 2018-2029, (USD Million) & (K Units)

Global NDIR-type Gas Sensor production by Application production, value, CAGR, 2018-2029, (USD Million) & (K Units)

This reports profiles key players in the global NDIR-type Gas Sensor market based on the following parameters – company overview, production, value, price, gross margin, product portfolio, geographical presence, and key developments. Key companies covered as a part of this study include Amphenol Advanced Sensors, Senseair (Asahi Kasei Microdevices), Murata, Sensirion, MKS Instruments, Vaisala, Teledyne API, Honeywell and ELT SENSOR, etc.

This report also provides key insights about market drivers, restraints, opportunities, new product launches or approvals, COVID-19 and Russia-Ukraine War Influence.

Stakeholders would have ease in decision-making through various strategy matrices used in analyzing the World NDIR-type Gas Sensor market

Detailed Segmentation:

Each section contains quantitative market data including market by value (US\$ Millions), volume (production, consumption) & (K Units) and average price (US\$/Unit) by manufacturer, by Type, and by Application. Data is given for the years 2018-2029 by year with 2022 as the base year, 2023 as the estimate year, and 2024-2029 as the forecast year.

Global NDIR-type Gas Sensor Market, By Region:

United States

China

Europe

Japan

South Korea

ASEAN

India

Rest of World

#### Global NDIR-type Gas Sensor Market, Segmentation by Type

NDIR CO<sub>2</sub> Sensors

NDIR CH<sub>4</sub> Sensors

Others

#### Global NDIR-type Gas Sensor Market, Segmentation by Application

Industrial Safety

Environmental Protection Industry

Residential and Commercial Security

Others

#### Companies Profiled:

Amphenol Advanced Sensors

Senseair (Asahi Kasei Microdevices)

Murata

Sensirion

MKS Instruments

Vaisala

Teledyne API

Honeywell

ELT SENSOR

E+E

Dwyer Instruments

Trane

Micro-Hybrid

Edinburgh Instruments

Alphasense

Cubic Sensor and Instrument Co.,Ltd

Nano Environmental Technology S.r.l. (N.E.T.)

Super Systems

## Key Questions Answered

1. How big is the global NDIR-type Gas Sensor market?

2. What is the demand of the global NDIR-type Gas Sensor market?
3. What is the year over year growth of the global NDIR-type Gas Sensor market?
4. What is the production and production value of the global NDIR-type Gas Sensor market?
5. Who are the key producers in the global NDIR-type Gas Sensor market?
6. What are the growth factors driving the market demand?

## Contents

### 1 SUPPLY SUMMARY

- 1.1 NDIR-type Gas Sensor Introduction
- 1.2 World NDIR-type Gas Sensor Supply & Forecast
  - 1.2.1 World NDIR-type Gas Sensor Production Value (2018 & 2022 & 2029)
  - 1.2.2 World NDIR-type Gas Sensor Production (2018-2029)
  - 1.2.3 World NDIR-type Gas Sensor Pricing Trends (2018-2029)
- 1.3 World NDIR-type Gas Sensor Production by Region (Based on Production Site)
  - 1.3.1 World NDIR-type Gas Sensor Production Value by Region (2018-2029)
  - 1.3.2 World NDIR-type Gas Sensor Production by Region (2018-2029)
  - 1.3.3 World NDIR-type Gas Sensor Average Price by Region (2018-2029)
  - 1.3.4 North America NDIR-type Gas Sensor Production (2018-2029)
  - 1.3.5 Europe NDIR-type Gas Sensor Production (2018-2029)
  - 1.3.6 China NDIR-type Gas Sensor Production (2018-2029)
  - 1.3.7 Japan NDIR-type Gas Sensor Production (2018-2029)
  - 1.3.8 South Korea NDIR-type Gas Sensor Production (2018-2029)
- 1.4 Market Drivers, Restraints and Trends
  - 1.4.1 NDIR-type Gas Sensor Market Drivers
  - 1.4.2 Factors Affecting Demand
  - 1.4.3 NDIR-type Gas Sensor Major Market Trends
- 1.5 Influence of COVID-19 and Russia-Ukraine War
  - 1.5.1 Influence of COVID-19
  - 1.5.2 Influence of Russia-Ukraine War

### 2 DEMAND SUMMARY

- 2.1 World NDIR-type Gas Sensor Demand (2018-2029)
- 2.2 World NDIR-type Gas Sensor Consumption by Region
  - 2.2.1 World NDIR-type Gas Sensor Consumption by Region (2018-2023)
  - 2.2.2 World NDIR-type Gas Sensor Consumption Forecast by Region (2024-2029)
- 2.3 United States NDIR-type Gas Sensor Consumption (2018-2029)
- 2.4 China NDIR-type Gas Sensor Consumption (2018-2029)
- 2.5 Europe NDIR-type Gas Sensor Consumption (2018-2029)
- 2.6 Japan NDIR-type Gas Sensor Consumption (2018-2029)
- 2.7 South Korea NDIR-type Gas Sensor Consumption (2018-2029)
- 2.8 ASEAN NDIR-type Gas Sensor Consumption (2018-2029)
- 2.9 India NDIR-type Gas Sensor Consumption (2018-2029)

### **3 WORLD NDIR-TYPE GAS SENSOR MANUFACTURERS COMPETITIVE ANALYSIS**

- 3.1 World NDIR-type Gas Sensor Production Value by Manufacturer (2018-2023)
- 3.2 World NDIR-type Gas Sensor Production by Manufacturer (2018-2023)
- 3.3 World NDIR-type Gas Sensor Average Price by Manufacturer (2018-2023)
- 3.4 NDIR-type Gas Sensor Company Evaluation Quadrant
- 3.5 Industry Rank and Concentration Rate (CR)
  - 3.5.1 Global NDIR-type Gas Sensor Industry Rank of Major Manufacturers
  - 3.5.2 Global Concentration Ratios (CR4) for NDIR-type Gas Sensor in 2022
  - 3.5.3 Global Concentration Ratios (CR8) for NDIR-type Gas Sensor in 2022
- 3.6 NDIR-type Gas Sensor Market: Overall Company Footprint Analysis
  - 3.6.1 NDIR-type Gas Sensor Market: Region Footprint
  - 3.6.2 NDIR-type Gas Sensor Market: Company Product Type Footprint
  - 3.6.3 NDIR-type Gas Sensor Market: Company Product Application Footprint
- 3.7 Competitive Environment
  - 3.7.1 Historical Structure of the Industry
  - 3.7.2 Barriers of Market Entry
  - 3.7.3 Factors of Competition
- 3.8 New Entrant and Capacity Expansion Plans
- 3.9 Mergers, Acquisition, Agreements, and Collaborations

### **4 UNITED STATES VS CHINA VS REST OF THE WORLD**

- 4.1 United States VS China: NDIR-type Gas Sensor Production Value Comparison
  - 4.1.1 United States VS China: NDIR-type Gas Sensor Production Value Comparison (2018 & 2022 & 2029)
  - 4.1.2 United States VS China: NDIR-type Gas Sensor Production Value Market Share Comparison (2018 & 2022 & 2029)
- 4.2 United States VS China: NDIR-type Gas Sensor Production Comparison
  - 4.2.1 United States VS China: NDIR-type Gas Sensor Production Comparison (2018 & 2022 & 2029)
  - 4.2.2 United States VS China: NDIR-type Gas Sensor Production Market Share Comparison (2018 & 2022 & 2029)
- 4.3 United States VS China: NDIR-type Gas Sensor Consumption Comparison
  - 4.3.1 United States VS China: NDIR-type Gas Sensor Consumption Comparison (2018 & 2022 & 2029)
  - 4.3.2 United States VS China: NDIR-type Gas Sensor Consumption Market Share

Comparison (2018 & 2022 & 2029)

4.4 United States Based NDIR-type Gas Sensor Manufacturers and Market Share, 2018-2023

4.4.1 United States Based NDIR-type Gas Sensor Manufacturers, Headquarters and Production Site (States, Country)

4.4.2 United States Based Manufacturers NDIR-type Gas Sensor Production Value (2018-2023)

4.4.3 United States Based Manufacturers NDIR-type Gas Sensor Production (2018-2023)

4.5 China Based NDIR-type Gas Sensor Manufacturers and Market Share

4.5.1 China Based NDIR-type Gas Sensor Manufacturers, Headquarters and Production Site (Province, Country)

4.5.2 China Based Manufacturers NDIR-type Gas Sensor Production Value (2018-2023)

4.5.3 China Based Manufacturers NDIR-type Gas Sensor Production (2018-2023)

4.6 Rest of World Based NDIR-type Gas Sensor Manufacturers and Market Share, 2018-2023

4.6.1 Rest of World Based NDIR-type Gas Sensor Manufacturers, Headquarters and Production Site (State, Country)

4.6.2 Rest of World Based Manufacturers NDIR-type Gas Sensor Production Value (2018-2023)

4.6.3 Rest of World Based Manufacturers NDIR-type Gas Sensor Production (2018-2023)

## **5 MARKET ANALYSIS BY TYPE**

5.1 World NDIR-type Gas Sensor Market Size Overview by Type: 2018 VS 2022 VS 2029

5.2 Segment Introduction by Type

5.2.1 NDIR CO<sub>2</sub> Sensors

5.2.2 NDIR CH<sub>4</sub> Sensors

5.2.3 Others

5.3 Market Segment by Type

5.3.1 World NDIR-type Gas Sensor Production by Type (2018-2029)

5.3.2 World NDIR-type Gas Sensor Production Value by Type (2018-2029)

5.3.3 World NDIR-type Gas Sensor Average Price by Type (2018-2029)

## **6 MARKET ANALYSIS BY APPLICATION**



## 6.1 World NDIR-type Gas Sensor Market Size Overview by Application: 2018 VS 2022 VS 2029

### 6.2 Segment Introduction by Application

#### 6.2.1 Industrial Safety

#### 6.2.2 Environmental Protection Industry

#### 6.2.3 Residential and Commercial Security

#### 6.2.4 Others

### 6.3 Market Segment by Application

#### 6.3.1 World NDIR-type Gas Sensor Production by Application (2018-2029)

#### 6.3.2 World NDIR-type Gas Sensor Production Value by Application (2018-2029)

#### 6.3.3 World NDIR-type Gas Sensor Average Price by Application (2018-2029)

## 7 COMPANY PROFILES

### 7.1 Amphenol Advanced Sensors

#### 7.1.1 Amphenol Advanced Sensors Details

#### 7.1.2 Amphenol Advanced Sensors Major Business

#### 7.1.3 Amphenol Advanced Sensors NDIR-type Gas Sensor Product and Services

#### 7.1.4 Amphenol Advanced Sensors NDIR-type Gas Sensor Production, Price, Value, Gross Margin and Market Share (2018-2023)

#### 7.1.5 Amphenol Advanced Sensors Recent Developments/Updates

#### 7.1.6 Amphenol Advanced Sensors Competitive Strengths & Weaknesses

### 7.2 Senseair (Asahi Kasei Microdevices)

#### 7.2.1 Senseair (Asahi Kasei Microdevices) Details

#### 7.2.2 Senseair (Asahi Kasei Microdevices) Major Business

#### 7.2.3 Senseair (Asahi Kasei Microdevices) NDIR-type Gas Sensor Product and Services

#### 7.2.4 Senseair (Asahi Kasei Microdevices) NDIR-type Gas Sensor Production, Price, Value, Gross Margin and Market Share (2018-2023)

#### 7.2.5 Senseair (Asahi Kasei Microdevices) Recent Developments/Updates

#### 7.2.6 Senseair (Asahi Kasei Microdevices) Competitive Strengths & Weaknesses

### 7.3 Murata

#### 7.3.1 Murata Details

#### 7.3.2 Murata Major Business

#### 7.3.3 Murata NDIR-type Gas Sensor Product and Services

#### 7.3.4 Murata NDIR-type Gas Sensor Production, Price, Value, Gross Margin and Market Share (2018-2023)

#### 7.3.5 Murata Recent Developments/Updates

#### 7.3.6 Murata Competitive Strengths & Weaknesses

## 7.4 Sensirion

### 7.4.1 Sensirion Details

### 7.4.2 Sensirion Major Business

### 7.4.3 Sensirion NDIR-type Gas Sensor Product and Services

### 7.4.4 Sensirion NDIR-type Gas Sensor Production, Price, Value, Gross Margin and Market Share (2018-2023)

### 7.4.5 Sensirion Recent Developments/Updates

### 7.4.6 Sensirion Competitive Strengths & Weaknesses

## 7.5 MKS Instruments

### 7.5.1 MKS Instruments Details

### 7.5.2 MKS Instruments Major Business

### 7.5.3 MKS Instruments NDIR-type Gas Sensor Product and Services

### 7.5.4 MKS Instruments NDIR-type Gas Sensor Production, Price, Value, Gross Margin and Market Share (2018-2023)

### 7.5.5 MKS Instruments Recent Developments/Updates

### 7.5.6 MKS Instruments Competitive Strengths & Weaknesses

## 7.6 Vaisala

### 7.6.1 Vaisala Details

### 7.6.2 Vaisala Major Business

### 7.6.3 Vaisala NDIR-type Gas Sensor Product and Services

### 7.6.4 Vaisala NDIR-type Gas Sensor Production, Price, Value, Gross Margin and Market Share (2018-2023)

### 7.6.5 Vaisala Recent Developments/Updates

### 7.6.6 Vaisala Competitive Strengths & Weaknesses

## 7.7 Teledyne API

### 7.7.1 Teledyne API Details

### 7.7.2 Teledyne API Major Business

### 7.7.3 Teledyne API NDIR-type Gas Sensor Product and Services

### 7.7.4 Teledyne API NDIR-type Gas Sensor Production, Price, Value, Gross Margin and Market Share (2018-2023)

### 7.7.5 Teledyne API Recent Developments/Updates

### 7.7.6 Teledyne API Competitive Strengths & Weaknesses

## 7.8 Honeywell

### 7.8.1 Honeywell Details

### 7.8.2 Honeywell Major Business

### 7.8.3 Honeywell NDIR-type Gas Sensor Product and Services

### 7.8.4 Honeywell NDIR-type Gas Sensor Production, Price, Value, Gross Margin and Market Share (2018-2023)

### 7.8.5 Honeywell Recent Developments/Updates

- 7.8.6 Honeywell Competitive Strengths & Weaknesses
- 7.9 ELT SENSOR
  - 7.9.1 ELT SENSOR Details
  - 7.9.2 ELT SENSOR Major Business
  - 7.9.3 ELT SENSOR NDIR-type Gas Sensor Product and Services
  - 7.9.4 ELT SENSOR NDIR-type Gas Sensor Production, Price, Value, Gross Margin and Market Share (2018-2023)
  - 7.9.5 ELT SENSOR Recent Developments/Updates
  - 7.9.6 ELT SENSOR Competitive Strengths & Weaknesses
- 7.10 E+E
  - 7.10.1 E+E Details
  - 7.10.2 E+E Major Business
  - 7.10.3 E+E NDIR-type Gas Sensor Product and Services
  - 7.10.4 E+E NDIR-type Gas Sensor Production, Price, Value, Gross Margin and Market Share (2018-2023)
  - 7.10.5 E+E Recent Developments/Updates
  - 7.10.6 E+E Competitive Strengths & Weaknesses
- 7.11 Dwyer Instruments
  - 7.11.1 Dwyer Instruments Details
  - 7.11.2 Dwyer Instruments Major Business
  - 7.11.3 Dwyer Instruments NDIR-type Gas Sensor Product and Services
  - 7.11.4 Dwyer Instruments NDIR-type Gas Sensor Production, Price, Value, Gross Margin and Market Share (2018-2023)
  - 7.11.5 Dwyer Instruments Recent Developments/Updates
  - 7.11.6 Dwyer Instruments Competitive Strengths & Weaknesses
- 7.12 Trane
  - 7.12.1 Trane Details
  - 7.12.2 Trane Major Business
  - 7.12.3 Trane NDIR-type Gas Sensor Product and Services
  - 7.12.4 Trane NDIR-type Gas Sensor Production, Price, Value, Gross Margin and Market Share (2018-2023)
  - 7.12.5 Trane Recent Developments/Updates
  - 7.12.6 Trane Competitive Strengths & Weaknesses
- 7.13 Micro-Hybrid
  - 7.13.1 Micro-Hybrid Details
  - 7.13.2 Micro-Hybrid Major Business
  - 7.13.3 Micro-Hybrid NDIR-type Gas Sensor Product and Services
  - 7.13.4 Micro-Hybrid NDIR-type Gas Sensor Production, Price, Value, Gross Margin and Market Share (2018-2023)

- 7.13.5 Micro-Hybrid Recent Developments/Updates
- 7.13.6 Micro-Hybrid Competitive Strengths & Weaknesses
- 7.14 Edinburgh Instruments
  - 7.14.1 Edinburgh Instruments Details
  - 7.14.2 Edinburgh Instruments Major Business
  - 7.14.3 Edinburgh Instruments NDIR-type Gas Sensor Product and Services
  - 7.14.4 Edinburgh Instruments NDIR-type Gas Sensor Production, Price, Value, Gross Margin and Market Share (2018-2023)
  - 7.14.5 Edinburgh Instruments Recent Developments/Updates
  - 7.14.6 Edinburgh Instruments Competitive Strengths & Weaknesses
- 7.15 Alphasense
  - 7.15.1 Alphasense Details
  - 7.15.2 Alphasense Major Business
  - 7.15.3 Alphasense NDIR-type Gas Sensor Product and Services
  - 7.15.4 Alphasense NDIR-type Gas Sensor Production, Price, Value, Gross Margin and Market Share (2018-2023)
  - 7.15.5 Alphasense Recent Developments/Updates
  - 7.15.6 Alphasense Competitive Strengths & Weaknesses
- 7.16 Cubic Sensor and Instrument Co.,Ltd
  - 7.16.1 Cubic Sensor and Instrument Co.,Ltd Details
  - 7.16.2 Cubic Sensor and Instrument Co.,Ltd Major Business
  - 7.16.3 Cubic Sensor and Instrument Co.,Ltd NDIR-type Gas Sensor Product and Services
  - 7.16.4 Cubic Sensor and Instrument Co.,Ltd NDIR-type Gas Sensor Production, Price, Value, Gross Margin and Market Share (2018-2023)
  - 7.16.5 Cubic Sensor and Instrument Co.,Ltd Recent Developments/Updates
  - 7.16.6 Cubic Sensor and Instrument Co.,Ltd Competitive Strengths & Weaknesses
- 7.17 Nano Environmental Technology S.r.l. (N.E.T.)
  - 7.17.1 Nano Environmental Technology S.r.l. (N.E.T.) Details
  - 7.17.2 Nano Environmental Technology S.r.l. (N.E.T.) Major Business
  - 7.17.3 Nano Environmental Technology S.r.l. (N.E.T.) NDIR-type Gas Sensor Product and Services
  - 7.17.4 Nano Environmental Technology S.r.l. (N.E.T.) NDIR-type Gas Sensor Production, Price, Value, Gross Margin and Market Share (2018-2023)
  - 7.17.5 Nano Environmental Technology S.r.l. (N.E.T.) Recent Developments/Updates
  - 7.17.6 Nano Environmental Technology S.r.l. (N.E.T.) Competitive Strengths & Weaknesses
- 7.18 Super Systems
  - 7.18.1 Super Systems Details

- 7.18.2 Super Systems Major Business
- 7.18.3 Super Systems NDIR-type Gas Sensor Product and Services
- 7.18.4 Super Systems NDIR-type Gas Sensor Production, Price, Value, Gross Margin and Market Share (2018-2023)
- 7.18.5 Super Systems Recent Developments/Updates
- 7.18.6 Super Systems Competitive Strengths & Weaknesses

## **8 INDUSTRY CHAIN ANALYSIS**

- 8.1 NDIR-type Gas Sensor Industry Chain
- 8.2 NDIR-type Gas Sensor Upstream Analysis
  - 8.2.1 NDIR-type Gas Sensor Core Raw Materials
  - 8.2.2 Main Manufacturers of NDIR-type Gas Sensor Core Raw Materials
- 8.3 Midstream Analysis
- 8.4 Downstream Analysis
- 8.5 NDIR-type Gas Sensor Production Mode
- 8.6 NDIR-type Gas Sensor Procurement Model
- 8.7 NDIR-type Gas Sensor Industry Sales Model and Sales Channels
  - 8.7.1 NDIR-type Gas Sensor Sales Model
  - 8.7.2 NDIR-type Gas Sensor Typical Customers

## **9 RESEARCH FINDINGS AND CONCLUSION**

## **10 APPENDIX**

- 10.1 Methodology
- 10.2 Research Process and Data Source
- 10.3 Disclaimer

## List Of Tables

### LIST OF TABLES

Table 1. World NDIR-type Gas Sensor Production Value by Region (2018, 2022 and 2029) & (USD Million)

Table 2. World NDIR-type Gas Sensor Production Value by Region (2018-2023) & (USD Million)

Table 3. World NDIR-type Gas Sensor Production Value by Region (2024-2029) & (USD Million)

Table 4. World NDIR-type Gas Sensor Production Value Market Share by Region (2018-2023)

Table 5. World NDIR-type Gas Sensor Production Value Market Share by Region (2024-2029)

Table 6. World NDIR-type Gas Sensor Production by Region (2018-2023) & (K Units)

Table 7. World NDIR-type Gas Sensor Production by Region (2024-2029) & (K Units)

Table 8. World NDIR-type Gas Sensor Production Market Share by Region (2018-2023)

Table 9. World NDIR-type Gas Sensor Production Market Share by Region (2024-2029)

Table 10. World NDIR-type Gas Sensor Average Price by Region (2018-2023) & (US\$/Unit)

Table 11. World NDIR-type Gas Sensor Average Price by Region (2024-2029) & (US\$/Unit)

Table 12. NDIR-type Gas Sensor Major Market Trends

Table 13. World NDIR-type Gas Sensor Consumption Growth Rate Forecast by Region (2018 & 2022 & 2029) & (K Units)

Table 14. World NDIR-type Gas Sensor Consumption by Region (2018-2023) & (K Units)

Table 15. World NDIR-type Gas Sensor Consumption Forecast by Region (2024-2029) & (K Units)

Table 16. World NDIR-type Gas Sensor Production Value by Manufacturer (2018-2023) & (USD Million)

Table 17. Production Value Market Share of Key NDIR-type Gas Sensor Producers in 2022

Table 18. World NDIR-type Gas Sensor Production by Manufacturer (2018-2023) & (K Units)

Table 19. Production Market Share of Key NDIR-type Gas Sensor Producers in 2022

Table 20. World NDIR-type Gas Sensor Average Price by Manufacturer (2018-2023) & (US\$/Unit)

Table 21. Global NDIR-type Gas Sensor Company Evaluation Quadrant



Table 22. World NDIR-type Gas Sensor Industry Rank of Major Manufacturers, Based on Production Value in 2022

Table 23. Head Office and NDIR-type Gas Sensor Production Site of Key Manufacturer

Table 24. NDIR-type Gas Sensor Market: Company Product Type Footprint

Table 25. NDIR-type Gas Sensor Market: Company Product Application Footprint

Table 26. NDIR-type Gas Sensor Competitive Factors

Table 27. NDIR-type Gas Sensor New Entrant and Capacity Expansion Plans

Table 28. NDIR-type Gas Sensor Mergers & Acquisitions Activity

Table 29. United States VS China NDIR-type Gas Sensor Production Value Comparison, (2018 & 2022 & 2029) & (USD Million)

Table 30. United States VS China NDIR-type Gas Sensor Production Comparison, (2018 & 2022 & 2029) & (K Units)

Table 31. United States VS China NDIR-type Gas Sensor Consumption Comparison, (2018 & 2022 & 2029) & (K Units)

Table 32. United States Based NDIR-type Gas Sensor Manufacturers, Headquarters and Production Site (States, Country)

Table 33. United States Based Manufacturers NDIR-type Gas Sensor Production Value, (2018-2023) & (USD Million)

Table 34. United States Based Manufacturers NDIR-type Gas Sensor Production Value Market Share (2018-2023)

Table 35. United States Based Manufacturers NDIR-type Gas Sensor Production (2018-2023) & (K Units)

Table 36. United States Based Manufacturers NDIR-type Gas Sensor Production Market Share (2018-2023)

Table 37. China Based NDIR-type Gas Sensor Manufacturers, Headquarters and Production Site (Province, Country)

Table 38. China Based Manufacturers NDIR-type Gas Sensor Production Value, (2018-2023) & (USD Million)

Table 39. China Based Manufacturers NDIR-type Gas Sensor Production Value Market Share (2018-2023)

Table 40. China Based Manufacturers NDIR-type Gas Sensor Production (2018-2023) & (K Units)

Table 41. China Based Manufacturers NDIR-type Gas Sensor Production Market Share (2018-2023)

Table 42. Rest of World Based NDIR-type Gas Sensor Manufacturers, Headquarters and Production Site (States, Country)

Table 43. Rest of World Based Manufacturers NDIR-type Gas Sensor Production Value, (2018-2023) & (USD Million)

Table 44. Rest of World Based Manufacturers NDIR-type Gas Sensor Production Value

Market Share (2018-2023)

Table 45. Rest of World Based Manufacturers NDIR-type Gas Sensor Production (2018-2023) & (K Units)

Table 46. Rest of World Based Manufacturers NDIR-type Gas Sensor Production Market Share (2018-2023)

Table 47. World NDIR-type Gas Sensor Production Value by Type, (USD Million), 2018 & 2022 & 2029

Table 48. World NDIR-type Gas Sensor Production by Type (2018-2023) & (K Units)

Table 49. World NDIR-type Gas Sensor Production by Type (2024-2029) & (K Units)

Table 50. World NDIR-type Gas Sensor Production Value by Type (2018-2023) & (USD Million)

Table 51. World NDIR-type Gas Sensor Production Value by Type (2024-2029) & (USD Million)

Table 52. World NDIR-type Gas Sensor Average Price by Type (2018-2023) & (US\$/Unit)

Table 53. World NDIR-type Gas Sensor Average Price by Type (2024-2029) & (US\$/Unit)

Table 54. World NDIR-type Gas Sensor Production Value by Application, (USD Million), 2018 & 2022 & 2029

Table 55. World NDIR-type Gas Sensor Production by Application (2018-2023) & (K Units)

Table 56. World NDIR-type Gas Sensor Production by Application (2024-2029) & (K Units)

Table 57. World NDIR-type Gas Sensor Production Value by Application (2018-2023) & (USD Million)

Table 58. World NDIR-type Gas Sensor Production Value by Application (2024-2029) & (USD Million)

Table 59. World NDIR-type Gas Sensor Average Price by Application (2018-2023) & (US\$/Unit)

Table 60. World NDIR-type Gas Sensor Average Price by Application (2024-2029) & (US\$/Unit)

Table 61. Amphenol Advanced Sensors Basic Information, Manufacturing Base and Competitors

Table 62. Amphenol Advanced Sensors Major Business

Table 63. Amphenol Advanced Sensors NDIR-type Gas Sensor Product and Services

Table 64. Amphenol Advanced Sensors NDIR-type Gas Sensor Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2018-2023)

Table 65. Amphenol Advanced Sensors Recent Developments/Updates



- Table 66. Amphenol Advanced Sensors Competitive Strengths & Weaknesses
- Table 67. Senseair (Asahi Kasei Microdevices) Basic Information, Manufacturing Base and Competitors
- Table 68. Senseair (Asahi Kasei Microdevices) Major Business
- Table 69. Senseair (Asahi Kasei Microdevices) NDIR-type Gas Sensor Product and Services
- Table 70. Senseair (Asahi Kasei Microdevices) NDIR-type Gas Sensor Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2018-2023)
- Table 71. Senseair (Asahi Kasei Microdevices) Recent Developments/Updates
- Table 72. Senseair (Asahi Kasei Microdevices) Competitive Strengths & Weaknesses
- Table 73. Murata Basic Information, Manufacturing Base and Competitors
- Table 74. Murata Major Business
- Table 75. Murata NDIR-type Gas Sensor Product and Services
- Table 76. Murata NDIR-type Gas Sensor Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2018-2023)
- Table 77. Murata Recent Developments/Updates
- Table 78. Murata Competitive Strengths & Weaknesses
- Table 79. Sensirion Basic Information, Manufacturing Base and Competitors
- Table 80. Sensirion Major Business
- Table 81. Sensirion NDIR-type Gas Sensor Product and Services
- Table 82. Sensirion NDIR-type Gas Sensor Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2018-2023)
- Table 83. Sensirion Recent Developments/Updates
- Table 84. Sensirion Competitive Strengths & Weaknesses
- Table 85. MKS Instruments Basic Information, Manufacturing Base and Competitors
- Table 86. MKS Instruments Major Business
- Table 87. MKS Instruments NDIR-type Gas Sensor Product and Services
- Table 88. MKS Instruments NDIR-type Gas Sensor Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2018-2023)
- Table 89. MKS Instruments Recent Developments/Updates
- Table 90. MKS Instruments Competitive Strengths & Weaknesses
- Table 91. Vaisala Basic Information, Manufacturing Base and Competitors
- Table 92. Vaisala Major Business
- Table 93. Vaisala NDIR-type Gas Sensor Product and Services
- Table 94. Vaisala NDIR-type Gas Sensor Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2018-2023)
- Table 95. Vaisala Recent Developments/Updates

- Table 96. Vaisala Competitive Strengths & Weaknesses
- Table 97. Teledyne API Basic Information, Manufacturing Base and Competitors
- Table 98. Teledyne API Major Business
- Table 99. Teledyne API NDIR-type Gas Sensor Product and Services
- Table 100. Teledyne API NDIR-type Gas Sensor Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2018-2023)
- Table 101. Teledyne API Recent Developments/Updates
- Table 102. Teledyne API Competitive Strengths & Weaknesses
- Table 103. Honeywell Basic Information, Manufacturing Base and Competitors
- Table 104. Honeywell Major Business
- Table 105. Honeywell NDIR-type Gas Sensor Product and Services
- Table 106. Honeywell NDIR-type Gas Sensor Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2018-2023)
- Table 107. Honeywell Recent Developments/Updates
- Table 108. Honeywell Competitive Strengths & Weaknesses
- Table 109. ELT SENSOR Basic Information, Manufacturing Base and Competitors
- Table 110. ELT SENSOR Major Business
- Table 111. ELT SENSOR NDIR-type Gas Sensor Product and Services
- Table 112. ELT SENSOR NDIR-type Gas Sensor Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2018-2023)
- Table 113. ELT SENSOR Recent Developments/Updates
- Table 114. ELT SENSOR Competitive Strengths & Weaknesses
- Table 115. E+E Basic Information, Manufacturing Base and Competitors
- Table 116. E+E Major Business
- Table 117. E+E NDIR-type Gas Sensor Product and Services
- Table 118. E+E NDIR-type Gas Sensor Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2018-2023)
- Table 119. E+E Recent Developments/Updates
- Table 120. E+E Competitive Strengths & Weaknesses
- Table 121. Dwyer Instruments Basic Information, Manufacturing Base and Competitors
- Table 122. Dwyer Instruments Major Business
- Table 123. Dwyer Instruments NDIR-type Gas Sensor Product and Services
- Table 124. Dwyer Instruments NDIR-type Gas Sensor Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2018-2023)
- Table 125. Dwyer Instruments Recent Developments/Updates
- Table 126. Dwyer Instruments Competitive Strengths & Weaknesses
- Table 127. Trane Basic Information, Manufacturing Base and Competitors

- Table 128. Trane Major Business
- Table 129. Trane NDIR-type Gas Sensor Product and Services
- Table 130. Trane NDIR-type Gas Sensor Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2018-2023)
- Table 131. Trane Recent Developments/Updates
- Table 132. Trane Competitive Strengths & Weaknesses
- Table 133. Micro-Hybrid Basic Information, Manufacturing Base and Competitors
- Table 134. Micro-Hybrid Major Business
- Table 135. Micro-Hybrid NDIR-type Gas Sensor Product and Services
- Table 136. Micro-Hybrid NDIR-type Gas Sensor Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2018-2023)
- Table 137. Micro-Hybrid Recent Developments/Updates
- Table 138. Micro-Hybrid Competitive Strengths & Weaknesses
- Table 139. Edinburgh Instruments Basic Information, Manufacturing Base and Competitors
- Table 140. Edinburgh Instruments Major Business
- Table 141. Edinburgh Instruments NDIR-type Gas Sensor Product and Services
- Table 142. Edinburgh Instruments NDIR-type Gas Sensor Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2018-2023)
- Table 143. Edinburgh Instruments Recent Developments/Updates
- Table 144. Edinburgh Instruments Competitive Strengths & Weaknesses
- Table 145. Alphasense Basic Information, Manufacturing Base and Competitors
- Table 146. Alphasense Major Business
- Table 147. Alphasense NDIR-type Gas Sensor Product and Services
- Table 148. Alphasense NDIR-type Gas Sensor Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2018-2023)
- Table 149. Alphasense Recent Developments/Updates
- Table 150. Alphasense Competitive Strengths & Weaknesses
- Table 151. Cubic Sensor and Instrument Co.,Ltd Basic Information, Manufacturing Base and Competitors
- Table 152. Cubic Sensor and Instrument Co.,Ltd Major Business
- Table 153. Cubic Sensor and Instrument Co.,Ltd NDIR-type Gas Sensor Product and Services
- Table 154. Cubic Sensor and Instrument Co.,Ltd NDIR-type Gas Sensor Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2018-2023)
- Table 155. Cubic Sensor and Instrument Co.,Ltd Recent Developments/Updates
- Table 156. Cubic Sensor and Instrument Co.,Ltd Competitive Strengths & Weaknesses

Table 157. Nano Environmental Technology S.r.l. (N.E.T.) Basic Information, Manufacturing Base and Competitors

Table 158. Nano Environmental Technology S.r.l. (N.E.T.) Major Business

Table 159. Nano Environmental Technology S.r.l. (N.E.T.) NDIR-type Gas Sensor Product and Services

Table 160. Nano Environmental Technology S.r.l. (N.E.T.) NDIR-type Gas Sensor Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2018-2023)

Table 161. Nano Environmental Technology S.r.l. (N.E.T.) Recent Developments/Updates

Table 162. Super Systems Basic Information, Manufacturing Base and Competitors

Table 163. Super Systems Major Business

Table 164. Super Systems NDIR-type Gas Sensor Product and Services

Table 165. Super Systems NDIR-type Gas Sensor Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2018-2023)

Table 166. Global Key Players of NDIR-type Gas Sensor Upstream (Raw Materials)

Table 167. NDIR-type Gas Sensor Typical Customers

Table 168. NDIR-type Gas Sensor Typical Distributors

## List Of Figures

### LIST OF FIGURES

Figure 1. NDIR-type Gas Sensor Picture

Figure 2. World NDIR-type Gas Sensor Production Value: 2018 & 2022 & 2029, (USD Million)

Figure 3. World NDIR-type Gas Sensor Production Value and Forecast (2018-2029) & (USD Million)

Figure 4. World NDIR-type Gas Sensor Production (2018-2029) & (K Units)

Figure 5. World NDIR-type Gas Sensor Average Price (2018-2029) & (US\$/Unit)

Figure 6. World NDIR-type Gas Sensor Production Value Market Share by Region (2018-2029)

Figure 7. World NDIR-type Gas Sensor Production Market Share by Region (2018-2029)

Figure 8. North America NDIR-type Gas Sensor Production (2018-2029) & (K Units)

Figure 9. Europe NDIR-type Gas Sensor Production (2018-2029) & (K Units)

Figure 10. China NDIR-type Gas Sensor Production (2018-2029) & (K Units)

Figure 11. Japan NDIR-type Gas Sensor Production (2018-2029) & (K Units)

Figure 12. South Korea NDIR-type Gas Sensor Production (2018-2029) & (K Units)

Figure 13. NDIR-type Gas Sensor Market Drivers

Figure 14. Factors Affecting Demand

Figure 15. World NDIR-type Gas Sensor Consumption (2018-2029) & (K Units)

Figure 16. World NDIR-type Gas Sensor Consumption Market Share by Region (2018-2029)

Figure 17. United States NDIR-type Gas Sensor Consumption (2018-2029) & (K Units)

Figure 18. China NDIR-type Gas Sensor Consumption (2018-2029) & (K Units)

Figure 19. Europe NDIR-type Gas Sensor Consumption (2018-2029) & (K Units)

Figure 20. Japan NDIR-type Gas Sensor Consumption (2018-2029) & (K Units)

Figure 21. South Korea NDIR-type Gas Sensor Consumption (2018-2029) & (K Units)

Figure 22. ASEAN NDIR-type Gas Sensor Consumption (2018-2029) & (K Units)

Figure 23. India NDIR-type Gas Sensor Consumption (2018-2029) & (K Units)

Figure 24. Producer Shipments of NDIR-type Gas Sensor by Manufacturer Revenue (\$MM) and Market Share (%): 2022

Figure 25. Global Four-firm Concentration Ratios (CR4) for NDIR-type Gas Sensor Markets in 2022

Figure 26. Global Four-firm Concentration Ratios (CR8) for NDIR-type Gas Sensor Markets in 2022

Figure 27. United States VS China: NDIR-type Gas Sensor Production Value Market



Share Comparison (2018 & 2022 & 2029)

Figure 28. United States VS China: NDIR-type Gas Sensor Production Market Share Comparison (2018 & 2022 & 2029)

Figure 29. United States VS China: NDIR-type Gas Sensor Consumption Market Share Comparison (2018 & 2022 & 2029)

Figure 30. United States Based Manufacturers NDIR-type Gas Sensor Production Market Share 2022

Figure 31. China Based Manufacturers NDIR-type Gas Sensor Production Market Share 2022

Figure 32. Rest of World Based Manufacturers NDIR-type Gas Sensor Production Market Share 2022

Figure 33. World NDIR-type Gas Sensor Production Value by Type, (USD Million), 2018 & 2022 & 2029

Figure 34. World NDIR-type Gas Sensor Production Value Market Share by Type in 2022

Figure 35. NDIR CO<sub>2</sub> Sensors

Figure 36. NDIR CH<sub>4</sub> Sensors

Figure 37. Others

Figure 38. World NDIR-type Gas Sensor Production Market Share by Type (2018-2029)

Figure 39. World NDIR-type Gas Sensor Production Value Market Share by Type (2018-2029)

Figure 40. World NDIR-type Gas Sensor Average Price by Type (2018-2029) & (US\$/Unit)

Figure 41. World NDIR-type Gas Sensor Production Value by Application, (USD Million), 2018 & 2022 & 2029

Figure 42. World NDIR-type Gas Sensor Production Value Market Share by Application in 2022

Figure 43. Industrial Safety

Figure 44. Environmental Protection Industry

Figure 45. Residential and Commercial Security

Figure 46. Others

Figure 47. World NDIR-type Gas Sensor Production Market Share by Application (2018-2029)

Figure 48. World NDIR-type Gas Sensor Production Value Market Share by Application (2018-2029)

Figure 49. World NDIR-type Gas Sensor Average Price by Application (2018-2029) & (US\$/Unit)

Figure 50. NDIR-type Gas Sensor Industry Chain

Figure 51. NDIR-type Gas Sensor Procurement Model

Figure 52. NDIR-type Gas Sensor Sales Model

Figure 53. NDIR-type Gas Sensor Sales Channels, Direct Sales, and Distribution

Figure 54. Methodology

Figure 55. Research Process and Data Source

## I would like to order

Product name: Global NDIR-type Gas Sensor Supply, Demand and Key Producers, 2023-2029

Product link: <https://marketpublishers.com/r/G08983284D65EN.html>

Price: US\$ 4,480.00 (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/G08983284D65EN.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