

## Global Metal-Oxide Semiconductor Gas Sensor Industry Research Report, Competitive Landscape, Market Size, Regional Status and Prospect

https://marketpublishers.com/r/GE775A704B1EEN.html

Date: May 2023 Pages: 101 Price: US\$ 3,250.00 (Single User License) ID: GE775A704B1EEN

### **Abstracts**

The report combines extensive quantitative analysis and exhaustive qualitative analysis, ranges from a macro overview of the total market size, industry chain, and market dynamics to micro details of segment markets by type, application and region, and, as a result, provides a holistic view of, as well as a deep insight into the Metal-Oxide Semiconductor Gas Sensor market covering all its essential aspects.

For the competitive landscape, the report also introduces players in the industry from the perspective of the market share, concentration ratio, etc., and describes the leading companies in detail, with which the readers can get a better idea of their competitors and acquire an in-depth understanding of the competitive situation. Further, mergers & acquisitions, emerging market trends, the impact of COVID-19, and regional conflicts will all be considered.

In a nutshell, this report is a must-read for industry players, investors, researchers, consultants, business strategists, and all those who have any kind of stake or are planning to foray into the market in any manner.

Key players in the global Metal-Oxide Semiconductor Gas Sensor market are covered in Chapter 9:

AMS AG FIGARO ENGINEERING INC. SENSIRION AG. MEMBRAPOR AG. CAMBRIDGE CMOS SENSOR



BOSCH SENSORTEC GMBH ALPHASENSE AMPHENOL ADVANCED SENSORS DYNAMENT LTD. MSA SENSEAIR AB CITY TECHNOLOGY LTD.

In Chapter 5 and Chapter 7.3, based on types, the Metal-Oxide Semiconductor Gas Sensor market from 2017 to 2027 is primarily split into:

OXYGEN CARBON MONOXIDE (CO) CARBON DIOXIDE(CO2) AMMONIA CHLORINE(CL) HYDROGEN SULFIDE (H2S) NITROGEN OXIDE VOLATILE ORGANIC COMPOUND (VOC)

In Chapter 6 and Chapter 7.4, based on applications, the Metal-Oxide Semiconductor Gas Sensor market from 2017 to 2027 covers:

WATER MEDICAL OIL ENVIRONMENTAL AUTOMOTIVE METAL & CHEMICAL INDUSTRY

Geographically, the detailed analysis of consumption, revenue, market share and growth rate, historical data and forecast (2017-2027) of the following regions are covered in Chapter 4 and Chapter 7:

United States
Europe
China
Japan

Global Metal-Oxide Semiconductor Gas Sensor Industry Research Report, Competitive Landscape, Market Size, Regi...



India Southeast Asia Latin America Middle East and Africa

**Client Focus** 

1. Does this report consider the impact of COVID-19 and the Russia-Ukraine war on the Metal-Oxide Semiconductor Gas Sensor market?

Yes. As the COVID-19 and the Russia-Ukraine war are profoundly affecting the global supply chain relationship and raw material price system, we have definitely taken them into consideration throughout the research, and in Chapters 1.7, 2.7, 4.X.1, 7.5, 8.7, we elaborate at full length on the impact of the pandemic and the war on the Metal-Oxide Semiconductor Gas Sensor Industry.

2. How do you determine the list of the key players included in the report?

With the aim of clearly revealing the competitive situation of the industry, we concretely analyze not only the leading enterprises that have a voice on a global scale, but also the regional small and medium-sized companies that play key roles and have plenty of potential growth.

Please find the key player list in Summary.

3. What are your main data sources?

Both Primary and Secondary data sources are being used while compiling the report.

Primary sources include extensive interviews of key opinion leaders and industry experts (such as experienced front-line staff, directors, CEOs, and marketing executives), downstream distributors, as well as end-users.

Secondary sources include the research of the annual and financial reports of the top companies, public files, new journals, etc. We also cooperate with some third-party databases.

Please find a more complete list of data sources in Chapters 11.2.1 & 11.2.2.



4. Can I modify the scope of the report and customize it to suit my requirements?

Yes. Customized requirements of multi-dimensional, deep-level and high-quality can help our customers precisely grasp market opportunities, effortlessly confront market challenges, properly formulate market strategies and act promptly, thus to win them sufficient time and space for market competition.

#### Outline

Chapter 1 mainly defines the market scope and introduces the macro overview of the industry, with an executive summary of different market segments ((by type, application, region, etc.), including the definition, market size, and trend of each market segment.

Chapter 2 provides a qualitative analysis of the current status and future trends of the market. Industry Entry Barriers, market drivers, market challenges, emerging markets, consumer preference analysis, together with the impact of the COVID-19 outbreak will all be thoroughly explained.

Chapter 3 analyzes the current competitive situation of the market by providing data regarding the players, including their sales volume and revenue with corresponding market shares, price and gross margin. In addition, information about market concentration ratio, mergers, acquisitions, and expansion plans will also be covered.

Chapter 4 focuses on the regional market, presenting detailed data (i.e., sales volume, revenue, price, gross margin) of the most representative regions and countries in the world.

Chapter 5 provides the analysis of various market segments according to product types, covering sales volume, revenue along with market share and growth rate, plus the price analysis of each type.

Chapter 6 shows the breakdown data of different applications, including the consumption and revenue with market share and growth rate, with the aim of helping the readers to take a close-up look at the downstream market.

Chapter 7 provides a combination of quantitative and qualitative analyses of the market size and development trends in the next five years. The forecast information of the whole, as well as the breakdown market, offers the readers a chance to look into the future of the industry.



Chapter 8 is the analysis of the whole market industrial chain, covering key raw materials suppliers and price analysis, manufacturing cost structure analysis, alternative product analysis, also providing information on major distributors, downstream buyers, and the impact of COVID-19 pandemic.

Chapter 9 shares a list of the key players in the market, together with their basic information, product profiles, market performance (i.e., sales volume, price, revenue, gross margin), recent development, SWOT analysis, etc.

Chapter 10 is the conclusion of the report which helps the readers to sum up the main findings and points.

Chapter 11 introduces the market research methods and data sources.

Years considered for this report:

Historical Years: 2017-2021 Base Year: 2021 Estimated Year: 2022 Forecast Period: 2022-2027



## Contents

#### 1 METAL-OXIDE SEMICONDUCTOR GAS SENSOR MARKET OVERVIEW

1.1 Product Overview and Scope of Metal-Oxide Semiconductor Gas Sensor Market

1.2 Metal-Oxide Semiconductor Gas Sensor Market Segment by Type

1.2.1 Global Metal-Oxide Semiconductor Gas Sensor Market Sales Volume and CAGR (%) Comparison by Type (2017-2027)

1.3 Global Metal-Oxide Semiconductor Gas Sensor Market Segment by Application

1.3.1 Metal-Oxide Semiconductor Gas Sensor Market Consumption (Sales Volume) Comparison by Application (2017-2027)

1.4 Global Metal-Oxide Semiconductor Gas Sensor Market, Region Wise (2017-2027)

1.4.1 Global Metal-Oxide Semiconductor Gas Sensor Market Size (Revenue) and CAGR (%) Comparison by Region (2017-2027)

1.4.2 United States Metal-Oxide Semiconductor Gas Sensor Market Status and Prospect (2017-2027)

1.4.3 Europe Metal-Oxide Semiconductor Gas Sensor Market Status and Prospect (2017-2027)

1.4.4 China Metal-Oxide Semiconductor Gas Sensor Market Status and Prospect (2017-2027)

1.4.5 Japan Metal-Oxide Semiconductor Gas Sensor Market Status and Prospect (2017-2027)

1.4.6 India Metal-Oxide Semiconductor Gas Sensor Market Status and Prospect (2017-2027)

1.4.7 Southeast Asia Metal-Oxide Semiconductor Gas Sensor Market Status and Prospect (2017-2027)

1.4.8 Latin America Metal-Oxide Semiconductor Gas Sensor Market Status and Prospect (2017-2027)

1.4.9 Middle East and Africa Metal-Oxide Semiconductor Gas Sensor Market Status and Prospect (2017-2027)

1.5 Global Market Size of Metal-Oxide Semiconductor Gas Sensor (2017-2027)

1.5.1 Global Metal-Oxide Semiconductor Gas Sensor Market Revenue Status and Outlook (2017-2027)

1.5.2 Global Metal-Oxide Semiconductor Gas Sensor Market Sales Volume Status and Outlook (2017-2027)

1.6 Global Macroeconomic Analysis

1.7 The impact of the Russia-Ukraine war on the Metal-Oxide Semiconductor Gas Sensor Market



#### 2 INDUSTRY OUTLOOK

- 2.1 Metal-Oxide Semiconductor Gas Sensor Industry Technology Status and Trends
- 2.2 Industry Entry Barriers
  - 2.2.1 Analysis of Financial Barriers
- 2.2.2 Analysis of Technical Barriers
- 2.2.3 Analysis of Talent Barriers
- 2.2.4 Analysis of Brand Barrier
- 2.3 Metal-Oxide Semiconductor Gas Sensor Market Drivers Analysis
- 2.4 Metal-Oxide Semiconductor Gas Sensor Market Challenges Analysis
- 2.5 Emerging Market Trends
- 2.6 Consumer Preference Analysis

2.7 Metal-Oxide Semiconductor Gas Sensor Industry Development Trends under COVID-19 Outbreak

2.7.1 Global COVID-19 Status Overview

2.7.2 Influence of COVID-19 Outbreak on Metal-Oxide Semiconductor Gas Sensor Industry Development

#### 3 GLOBAL METAL-OXIDE SEMICONDUCTOR GAS SENSOR MARKET LANDSCAPE BY PLAYER

3.1 Global Metal-Oxide Semiconductor Gas Sensor Sales Volume and Share by Player (2017-2022)

3.2 Global Metal-Oxide Semiconductor Gas Sensor Revenue and Market Share by Player (2017-2022)

3.3 Global Metal-Oxide Semiconductor Gas Sensor Average Price by Player (2017-2022)

3.4 Global Metal-Oxide Semiconductor Gas Sensor Gross Margin by Player (2017-2022)

3.5 Metal-Oxide Semiconductor Gas Sensor Market Competitive Situation and Trends

3.5.1 Metal-Oxide Semiconductor Gas Sensor Market Concentration Rate

3.5.2 Metal-Oxide Semiconductor Gas Sensor Market Share of Top 3 and Top 6 Players

3.5.3 Mergers & Acquisitions, Expansion

#### 4 GLOBAL METAL-OXIDE SEMICONDUCTOR GAS SENSOR SALES VOLUME AND REVENUE REGION WISE (2017-2022)

4.1 Global Metal-Oxide Semiconductor Gas Sensor Sales Volume and Market Share,



Region Wise (2017-2022)

4.2 Global Metal-Oxide Semiconductor Gas Sensor Revenue and Market Share, Region Wise (2017-2022)

4.3 Global Metal-Oxide Semiconductor Gas Sensor Sales Volume, Revenue, Price and Gross Margin (2017-2022)

4.4 United States Metal-Oxide Semiconductor Gas Sensor Sales Volume, Revenue, Price and Gross Margin (2017-2022)

4.4.1 United States Metal-Oxide Semiconductor Gas Sensor Market Under COVID-19 4.5 Europe Metal-Oxide Semiconductor Gas Sensor Sales Volume, Revenue, Price and Gross Margin (2017-2022)

4.5.1 Europe Metal-Oxide Semiconductor Gas Sensor Market Under COVID-194.6 China Metal-Oxide Semiconductor Gas Sensor Sales Volume, Revenue, Price and Gross Margin (2017-2022)

4.6.1 China Metal-Oxide Semiconductor Gas Sensor Market Under COVID-194.7 Japan Metal-Oxide Semiconductor Gas Sensor Sales Volume, Revenue, Price and Gross Margin (2017-2022)

4.7.1 Japan Metal-Oxide Semiconductor Gas Sensor Market Under COVID-194.8 India Metal-Oxide Semiconductor Gas Sensor Sales Volume, Revenue, Price and Gross Margin (2017-2022)

4.8.1 India Metal-Oxide Semiconductor Gas Sensor Market Under COVID-194.9 Southeast Asia Metal-Oxide Semiconductor Gas Sensor Sales Volume, Revenue, Price and Gross Margin (2017-2022)

4.9.1 Southeast Asia Metal-Oxide Semiconductor Gas Sensor Market Under COVID-19

4.10 Latin America Metal-Oxide Semiconductor Gas Sensor Sales Volume, Revenue, Price and Gross Margin (2017-2022)

4.10.1 Latin America Metal-Oxide Semiconductor Gas Sensor Market Under COVID-19

4.11 Middle East and Africa Metal-Oxide Semiconductor Gas Sensor Sales Volume, Revenue, Price and Gross Margin (2017-2022)

4.11.1 Middle East and Africa Metal-Oxide Semiconductor Gas Sensor Market Under COVID-19

#### 5 GLOBAL METAL-OXIDE SEMICONDUCTOR GAS SENSOR SALES VOLUME, REVENUE, PRICE TREND BY TYPE

5.1 Global Metal-Oxide Semiconductor Gas Sensor Sales Volume and Market Share by Type (2017-2022)

5.2 Global Metal-Oxide Semiconductor Gas Sensor Revenue and Market Share by



Type (2017-2022)

5.3 Global Metal-Oxide Semiconductor Gas Sensor Price by Type (2017-2022)

5.4 Global Metal-Oxide Semiconductor Gas Sensor Sales Volume, Revenue and Growth Rate by Type (2017-2022)

5.4.1 Global Metal-Oxide Semiconductor Gas Sensor Sales Volume, Revenue and Growth Rate of OXYGEN (2017-2022)

5.4.2 Global Metal-Oxide Semiconductor Gas Sensor Sales Volume, Revenue and Growth Rate of CARBON MONOXIDE (CO) (2017-2022)

5.4.3 Global Metal-Oxide Semiconductor Gas Sensor Sales Volume, Revenue and Growth Rate of CARBON DIOXIDE(CO2) (2017-2022)

5.4.4 Global Metal-Oxide Semiconductor Gas Sensor Sales Volume, Revenue and Growth Rate of AMMONIA (2017-2022)

5.4.5 Global Metal-Oxide Semiconductor Gas Sensor Sales Volume, Revenue and Growth Rate of CHLORINE(CL) (2017-2022)

5.4.6 Global Metal-Oxide Semiconductor Gas Sensor Sales Volume, Revenue and Growth Rate of HYDROGEN SULFIDE (H2S) (2017-2022)

5.4.7 Global Metal-Oxide Semiconductor Gas Sensor Sales Volume, Revenue and Growth Rate of NITROGEN OXIDE (2017-2022)

5.4.8 Global Metal-Oxide Semiconductor Gas Sensor Sales Volume, Revenue and Growth Rate of VOLATILE ORGANIC COMPOUND (VOC) (2017-2022)

#### 6 GLOBAL METAL-OXIDE SEMICONDUCTOR GAS SENSOR MARKET ANALYSIS BY APPLICATION

6.1 Global Metal-Oxide Semiconductor Gas Sensor Consumption and Market Share by Application (2017-2022)

6.2 Global Metal-Oxide Semiconductor Gas Sensor Consumption Revenue and Market Share by Application (2017-2022)

6.3 Global Metal-Oxide Semiconductor Gas Sensor Consumption and Growth Rate by Application (2017-2022)

6.3.1 Global Metal-Oxide Semiconductor Gas Sensor Consumption and Growth Rate of WATER (2017-2022)

6.3.2 Global Metal-Oxide Semiconductor Gas Sensor Consumption and Growth Rate of MEDICAL (2017-2022)

6.3.3 Global Metal-Oxide Semiconductor Gas Sensor Consumption and Growth Rate of OIL (2017-2022)

6.3.4 Global Metal-Oxide Semiconductor Gas Sensor Consumption and Growth Rate of ENVIRONMENTAL (2017-2022)

6.3.5 Global Metal-Oxide Semiconductor Gas Sensor Consumption and Growth Rate



#### of AUTOMOTIVE (2017-2022)

6.3.6 Global Metal-Oxide Semiconductor Gas Sensor Consumption and Growth Rate of METAL & CHEMICAL INDUSTRY (2017-2022)

# 7 GLOBAL METAL-OXIDE SEMICONDUCTOR GAS SENSOR MARKET FORECAST (2022-2027)

7.1 Global Metal-Oxide Semiconductor Gas Sensor Sales Volume, Revenue Forecast (2022-2027)

7.1.1 Global Metal-Oxide Semiconductor Gas Sensor Sales Volume and Growth Rate Forecast (2022-2027)

7.1.2 Global Metal-Oxide Semiconductor Gas Sensor Revenue and Growth Rate Forecast (2022-2027)

7.1.3 Global Metal-Oxide Semiconductor Gas Sensor Price and Trend Forecast (2022-2027)

7.2 Global Metal-Oxide Semiconductor Gas Sensor Sales Volume and Revenue Forecast, Region Wise (2022-2027)

7.2.1 United States Metal-Oxide Semiconductor Gas Sensor Sales Volume and Revenue Forecast (2022-2027)

7.2.2 Europe Metal-Oxide Semiconductor Gas Sensor Sales Volume and Revenue Forecast (2022-2027)

7.2.3 China Metal-Oxide Semiconductor Gas Sensor Sales Volume and Revenue Forecast (2022-2027)

7.2.4 Japan Metal-Oxide Semiconductor Gas Sensor Sales Volume and Revenue Forecast (2022-2027)

7.2.5 India Metal-Oxide Semiconductor Gas Sensor Sales Volume and Revenue Forecast (2022-2027)

7.2.6 Southeast Asia Metal-Oxide Semiconductor Gas Sensor Sales Volume and Revenue Forecast (2022-2027)

7.2.7 Latin America Metal-Oxide Semiconductor Gas Sensor Sales Volume and Revenue Forecast (2022-2027)

7.2.8 Middle East and Africa Metal-Oxide Semiconductor Gas Sensor Sales Volume and Revenue Forecast (2022-2027)

7.3 Global Metal-Oxide Semiconductor Gas Sensor Sales Volume, Revenue and Price Forecast by Type (2022-2027)

7.3.1 Global Metal-Oxide Semiconductor Gas Sensor Revenue and Growth Rate of OXYGEN (2022-2027)

7.3.2 Global Metal-Oxide Semiconductor Gas Sensor Revenue and Growth Rate of CARBON MONOXIDE (CO) (2022-2027)



7.3.3 Global Metal-Oxide Semiconductor Gas Sensor Revenue and Growth Rate of CARBON DIOXIDE(CO2) (2022-2027)

7.3.4 Global Metal-Oxide Semiconductor Gas Sensor Revenue and Growth Rate of AMMONIA (2022-2027)

7.3.5 Global Metal-Oxide Semiconductor Gas Sensor Revenue and Growth Rate of CHLORINE(CL) (2022-2027)

7.3.6 Global Metal-Oxide Semiconductor Gas Sensor Revenue and Growth Rate of HYDROGEN SULFIDE (H2S) (2022-2027)

7.3.7 Global Metal-Oxide Semiconductor Gas Sensor Revenue and Growth Rate of NITROGEN OXIDE (2022-2027)

7.3.8 Global Metal-Oxide Semiconductor Gas Sensor Revenue and Growth Rate of VOLATILE ORGANIC COMPOUND (VOC) (2022-2027)

7.4 Global Metal-Oxide Semiconductor Gas Sensor Consumption Forecast by Application (2022-2027)

7.4.1 Global Metal-Oxide Semiconductor Gas Sensor Consumption Value and Growth Rate of WATER(2022-2027)

7.4.2 Global Metal-Oxide Semiconductor Gas Sensor Consumption Value and Growth Rate of MEDICAL(2022-2027)

7.4.3 Global Metal-Oxide Semiconductor Gas Sensor Consumption Value and Growth Rate of OIL(2022-2027)

7.4.4 Global Metal-Oxide Semiconductor Gas Sensor Consumption Value and Growth Rate of ENVIRONMENTAL(2022-2027)

7.4.5 Global Metal-Oxide Semiconductor Gas Sensor Consumption Value and Growth Rate of AUTOMOTIVE(2022-2027)

7.4.6 Global Metal-Oxide Semiconductor Gas Sensor Consumption Value and Growth Rate of METAL & CHEMICAL INDUSTRY(2022-2027)

7.5 Metal-Oxide Semiconductor Gas Sensor Market Forecast Under COVID-19

#### 8 METAL-OXIDE SEMICONDUCTOR GAS SENSOR MARKET UPSTREAM AND DOWNSTREAM ANALYSIS

8.1 Metal-Oxide Semiconductor Gas Sensor Industrial Chain Analysis

8.2 Key Raw Materials Suppliers and Price Analysis

8.3 Manufacturing Cost Structure Analysis

8.3.1 Labor Cost Analysis

8.3.2 Energy Costs Analysis

8.3.3 R&D Costs Analysis

8.4 Alternative Product Analysis

8.5 Major Distributors of Metal-Oxide Semiconductor Gas Sensor Analysis

Global Metal-Oxide Semiconductor Gas Sensor Industry Research Report, Competitive Landscape, Market Size, Regi...



8.6 Major Downstream Buyers of Metal-Oxide Semiconductor Gas Sensor Analysis8.7 Impact of COVID-19 and the Russia-Ukraine war on the Upstream and Downstream in the Metal-Oxide Semiconductor Gas Sensor Industry

#### 9 PLAYERS PROFILES

9.1 AMS AG

9.1.1 AMS AG Basic Information, Manufacturing Base, Sales Region and Competitors

9.1.2 Metal-Oxide Semiconductor Gas Sensor Product Profiles, Application and Specification

9.1.3 AMS AG Market Performance (2017-2022)

9.1.4 Recent Development

- 9.1.5 SWOT Analysis
- 9.2 FIGARO ENGINEERING INC.

9.2.1 FIGARO ENGINEERING INC. Basic Information, Manufacturing Base, Sales Region and Competitors

9.2.2 Metal-Oxide Semiconductor Gas Sensor Product Profiles, Application and Specification

9.2.3 FIGARO ENGINEERING INC. Market Performance (2017-2022)

9.2.4 Recent Development

9.2.5 SWOT Analysis

9.3 SENSIRION AG.

9.3.1 SENSIRION AG. Basic Information, Manufacturing Base, Sales Region and Competitors

9.3.2 Metal-Oxide Semiconductor Gas Sensor Product Profiles, Application and Specification

9.3.3 SENSIRION AG. Market Performance (2017-2022)

9.3.4 Recent Development

9.3.5 SWOT Analysis

9.4 MEMBRAPOR AG.

9.4.1 MEMBRAPOR AG. Basic Information, Manufacturing Base, Sales Region and Competitors

9.4.2 Metal-Oxide Semiconductor Gas Sensor Product Profiles, Application and Specification

- 9.4.3 MEMBRAPOR AG. Market Performance (2017-2022)
- 9.4.4 Recent Development
- 9.4.5 SWOT Analysis

9.5 CAMBRIDGE CMOS SENSOR

9.5.1 CAMBRIDGE CMOS SENSOR Basic Information, Manufacturing Base, Sales



**Region and Competitors** 

9.5.2 Metal-Oxide Semiconductor Gas Sensor Product Profiles, Application and Specification

9.5.3 CAMBRIDGE CMOS SENSOR Market Performance (2017-2022)

9.5.4 Recent Development

9.5.5 SWOT Analysis

9.6 BOSCH SENSORTEC GMBH

9.6.1 BOSCH SENSORTEC GMBH Basic Information, Manufacturing Base, Sales Region and Competitors

9.6.2 Metal-Oxide Semiconductor Gas Sensor Product Profiles, Application and Specification

9.6.3 BOSCH SENSORTEC GMBH Market Performance (2017-2022)

9.6.4 Recent Development

9.6.5 SWOT Analysis

9.7 ALPHASENSE

9.7.1 ALPHASENSE Basic Information, Manufacturing Base, Sales Region and Competitors

9.7.2 Metal-Oxide Semiconductor Gas Sensor Product Profiles, Application and Specification

9.7.3 ALPHASENSE Market Performance (2017-2022)

9.7.4 Recent Development

9.7.5 SWOT Analysis

9.8 AMPHENOL ADVANCED SENSORS

9.8.1 AMPHENOL ADVANCED SENSORS Basic Information, Manufacturing Base, Sales Region and Competitors

9.8.2 Metal-Oxide Semiconductor Gas Sensor Product Profiles, Application and Specification

9.8.3 AMPHENOL ADVANCED SENSORS Market Performance (2017-2022)

9.8.4 Recent Development

9.8.5 SWOT Analysis

9.9 DYNAMENT LTD.

9.9.1 DYNAMENT LTD. Basic Information, Manufacturing Base, Sales Region and Competitors

9.9.2 Metal-Oxide Semiconductor Gas Sensor Product Profiles, Application and Specification

9.9.3 DYNAMENT LTD. Market Performance (2017-2022)

9.9.4 Recent Development

9.9.5 SWOT Analysis

9.10 MSA



9.10.1 MSA Basic Information, Manufacturing Base, Sales Region and Competitors

9.10.2 Metal-Oxide Semiconductor Gas Sensor Product Profiles, Application and Specification

9.10.3 MSA Market Performance (2017-2022)

9.10.4 Recent Development

9.10.5 SWOT Analysis

9.11 SENSEAIR AB

9.11.1 SENSEAIR AB Basic Information, Manufacturing Base, Sales Region and Competitors

9.11.2 Metal-Oxide Semiconductor Gas Sensor Product Profiles, Application and Specification

9.11.3 SENSEAIR AB Market Performance (2017-2022)

- 9.11.4 Recent Development
- 9.11.5 SWOT Analysis

9.12 CITY TECHNOLOGY LTD.

9.12.1 CITY TECHNOLOGY LTD. Basic Information, Manufacturing Base, Sales Region and Competitors

9.12.2 Metal-Oxide Semiconductor Gas Sensor Product Profiles, Application and Specification

9.12.3 CITY TECHNOLOGY LTD. Market Performance (2017-2022)

9.12.4 Recent Development

9.12.5 SWOT Analysis

#### **10 RESEARCH FINDINGS AND CONCLUSION**

#### **11 APPENDIX**

- 11.1 Methodology
- 11.2 Research Data Source



## List Of Tables

#### LIST OF TABLES AND FIGURES

Figure Metal-Oxide Semiconductor Gas Sensor Product Picture Table Global Metal-Oxide Semiconductor Gas Sensor Market Sales Volume and CAGR (%) Comparison by Type Table Metal-Oxide Semiconductor Gas Sensor Market Consumption (Sales Volume) Comparison by Application (2017-2027) Figure Global Metal-Oxide Semiconductor Gas Sensor Market Size (Revenue, Million USD) and CAGR (%) (2017-2027) Figure United States Metal-Oxide Semiconductor Gas Sensor Market Revenue (Million USD) and Growth Rate (2017-2027) Figure Europe Metal-Oxide Semiconductor Gas Sensor Market Revenue (Million USD) and Growth Rate (2017-2027) Figure China Metal-Oxide Semiconductor Gas Sensor Market Revenue (Million USD) and Growth Rate (2017-2027) Figure Japan Metal-Oxide Semiconductor Gas Sensor Market Revenue (Million USD) and Growth Rate (2017-2027) Figure India Metal-Oxide Semiconductor Gas Sensor Market Revenue (Million USD) and Growth Rate (2017-2027) Figure Southeast Asia Metal-Oxide Semiconductor Gas Sensor Market Revenue (Million USD) and Growth Rate (2017-2027) Figure Latin America Metal-Oxide Semiconductor Gas Sensor Market Revenue (Million USD) and Growth Rate (2017-2027) Figure Middle East and Africa Metal-Oxide Semiconductor Gas Sensor Market Revenue (Million USD) and Growth Rate (2017-2027) Figure Global Metal-Oxide Semiconductor Gas Sensor Market Sales Volume Status and Outlook (2017-2027) Table Global Macroeconomic Analysis Figure Global COVID-19 Status Overview Table Influence of COVID-19 Outbreak on Metal-Oxide Semiconductor Gas Sensor Industry Development Table Global Metal-Oxide Semiconductor Gas Sensor Sales Volume by Player (2017 - 2022)Table Global Metal-Oxide Semiconductor Gas Sensor Sales Volume Share by Player (2017 - 2022)Figure Global Metal-Oxide Semiconductor Gas Sensor Sales Volume Share by Player in 2021



Table Metal-Oxide Semiconductor Gas Sensor Revenue (Million USD) by Player (2017-2022)

Table Metal-Oxide Semiconductor Gas Sensor Revenue Market Share by Player (2017-2022)

Table Metal-Oxide Semiconductor Gas Sensor Price by Player (2017-2022)

Table Metal-Oxide Semiconductor Gas Sensor Gross Margin by Player (2017-2022)Table Mergers & Acquisitions, Expansion Plans

Table Global Metal-Oxide Semiconductor Gas Sensor Sales Volume, Region Wise (2017-2022)

Table Global Metal-Oxide Semiconductor Gas Sensor Sales Volume Market Share, Region Wise (2017-2022)

Figure Global Metal-Oxide Semiconductor Gas Sensor Sales Volume Market Share, Region Wise (2017-2022)

Figure Global Metal-Oxide Semiconductor Gas Sensor Sales Volume Market Share, Region Wise in 2021

Table Global Metal-Oxide Semiconductor Gas Sensor Revenue (Million USD), Region Wise (2017-2022)

Table Global Metal-Oxide Semiconductor Gas Sensor Revenue Market Share, Region Wise (2017-2022)

Figure Global Metal-Oxide Semiconductor Gas Sensor Revenue Market Share, Region Wise (2017-2022)

Figure Global Metal-Oxide Semiconductor Gas Sensor Revenue Market Share, Region Wise in 2021

Table Global Metal-Oxide Semiconductor Gas Sensor Sales Volume, Revenue (Million USD), Price and Gross Margin (2017-2022)

Table United States Metal-Oxide Semiconductor Gas Sensor Sales Volume, Revenue (Million USD), Price and Gross Margin (2017-2022)

Table Europe Metal-Oxide Semiconductor Gas Sensor Sales Volume, Revenue (Million USD), Price and Gross Margin (2017-2022)

Table China Metal-Oxide Semiconductor Gas Sensor Sales Volume, Revenue (Million USD), Price and Gross Margin (2017-2022)

Table Japan Metal-Oxide Semiconductor Gas Sensor Sales Volume, Revenue (Million USD), Price and Gross Margin (2017-2022)

Table India Metal-Oxide Semiconductor Gas Sensor Sales Volume, Revenue (Million USD), Price and Gross Margin (2017-2022)

Table Southeast Asia Metal-Oxide Semiconductor Gas Sensor Sales Volume, Revenue (Million USD), Price and Gross Margin (2017-2022)

Table Latin America Metal-Oxide Semiconductor Gas Sensor Sales Volume, Revenue (Million USD), Price and Gross Margin (2017-2022)



Table Middle East and Africa Metal-Oxide Semiconductor Gas Sensor Sales Volume, Revenue (Million USD), Price and Gross Margin (2017-2022)

Table Global Metal-Oxide Semiconductor Gas Sensor Sales Volume by Type (2017-2022)

Table Global Metal-Oxide Semiconductor Gas Sensor Sales Volume Market Share by Type (2017-2022)

Figure Global Metal-Oxide Semiconductor Gas Sensor Sales Volume Market Share by Type in 2021

Table Global Metal-Oxide Semiconductor Gas Sensor Revenue (Million USD) by Type (2017-2022)

Table Global Metal-Oxide Semiconductor Gas Sensor Revenue Market Share by Type (2017-2022)

Figure Global Metal-Oxide Semiconductor Gas Sensor Revenue Market Share by Type in 2021

Table Metal-Oxide Semiconductor Gas Sensor Price by Type (2017-2022)

Figure Global Metal-Oxide Semiconductor Gas Sensor Sales Volume and Growth Rate of OXYGEN (2017-2022)

Figure Global Metal-Oxide Semiconductor Gas Sensor Revenue (Million USD) and Growth Rate of OXYGEN (2017-2022)

Figure Global Metal-Oxide Semiconductor Gas Sensor Sales Volume and Growth Rate of CARBON MONOXIDE (CO) (2017-2022)

Figure Global Metal-Oxide Semiconductor Gas Sensor Revenue (Million USD) and Growth Rate of CARBON MONOXIDE (CO) (2017-2022)

Figure Global Metal-Oxide Semiconductor Gas Sensor Sales Volume and Growth Rate of CARBON DIOXIDE(CO2) (2017-2022)

Figure Global Metal-Oxide Semiconductor Gas Sensor Revenue (Million USD) and Growth Rate of CARBON DIOXIDE(CO2) (2017-2022)

Figure Global Metal-Oxide Semiconductor Gas Sensor Sales Volume and Growth Rate of AMMONIA (2017-2022)

Figure Global Metal-Oxide Semiconductor Gas Sensor Revenue (Million USD) and Growth Rate of AMMONIA (2017-2022)

Figure Global Metal-Oxide Semiconductor Gas Sensor Sales Volume and Growth Rate of CHLORINE(CL) (2017-2022)

Figure Global Metal-Oxide Semiconductor Gas Sensor Revenue (Million USD) and Growth Rate of CHLORINE(CL) (2017-2022)

Figure Global Metal-Oxide Semiconductor Gas Sensor Sales Volume and Growth Rate of HYDROGEN SULFIDE (H2S) (2017-2022)

Figure Global Metal-Oxide Semiconductor Gas Sensor Revenue (Million USD) and Growth Rate of HYDROGEN SULFIDE (H2S) (2017-2022)



Figure Global Metal-Oxide Semiconductor Gas Sensor Sales Volume and Growth Rate of NITROGEN OXIDE (2017-2022)

Figure Global Metal-Oxide Semiconductor Gas Sensor Revenue (Million USD) and Growth Rate of NITROGEN OXIDE (2017-2022)

Figure Global Metal-Oxide Semiconductor Gas Sensor Sales Volume and Growth Rate of VOLATILE ORGANIC COMPOUND (VOC) (2017-2022)

Figure Global Metal-Oxide Semiconductor Gas Sensor Revenue (Million USD) and Growth Rate of VOLATILE ORGANIC COMPOUND (VOC) (2017-2022)

Table Global Metal-Oxide Semiconductor Gas Sensor Consumption by Application (2017-2022)

Table Global Metal-Oxide Semiconductor Gas Sensor Consumption Market Share by Application (2017-2022)

Table Global Metal-Oxide Semiconductor Gas Sensor Consumption Revenue (Million USD) by Application (2017-2022)

Table Global Metal-Oxide Semiconductor Gas Sensor Consumption Revenue Market Share by Application (2017-2022)

Table Global Metal-Oxide Semiconductor Gas Sensor Consumption and Growth Rate of WATER (2017-2022)

Table Global Metal-Oxide Semiconductor Gas Sensor Consumption and Growth Rate of MEDICAL (2017-2022)

Table Global Metal-Oxide Semiconductor Gas Sensor Consumption and Growth Rate of OIL (2017-2022)

Table Global Metal-Oxide Semiconductor Gas Sensor Consumption and Growth Rate of ENVIRONMENTAL (2017-2022)

Table Global Metal-Oxide Semiconductor Gas Sensor Consumption and Growth Rate of AUTOMOTIVE (2017-2022)

Table Global Metal-Oxide Semiconductor Gas Sensor Consumption and Growth Rate of METAL & CHEMICAL INDUSTRY (2017-2022)

Figure Global Metal-Oxide Semiconductor Gas Sensor Sales Volume and Growth Rate Forecast (2022-2027)

Figure Global Metal-Oxide Semiconductor Gas Sensor Revenue (Million USD) and Growth Rate Forecast (2022-2027)

Figure Global Metal-Oxide Semiconductor Gas Sensor Price and Trend Forecast (2022-2027)

Figure USA Metal-Oxide Semiconductor Gas Sensor Market Sales Volume and Growth Rate Forecast Analysis (2022-2027)

Figure USA Metal-Oxide Semiconductor Gas Sensor Market Revenue (Million USD) and Growth Rate Forecast Analysis (2022-2027)

Figure Europe Metal-Oxide Semiconductor Gas Sensor Market Sales Volume and



Growth Rate Forecast Analysis (2022-2027) Figure Europe Metal-Oxide Semiconductor Gas Sensor Market Revenue (Million USD) and Growth Rate Forecast Analysis (2022-2027) Figure China Metal-Oxide Semiconductor Gas Sensor Market Sales Volume and Growth Rate Forecast Analysis (2022-2027) Figure China Metal-Oxide Semiconductor Gas Sensor Market Revenue (Million USD) and Growth Rate Forecast Analysis (2022-2027) Figure Japan Metal-Oxide Semiconductor Gas Sensor Market Sales Volume and Growth Rate Forecast Analysis (2022-2027) Figure Japan Metal-Oxide Semiconductor Gas Sensor Market Revenue (Million USD) and Growth Rate Forecast Analysis (2022-2027) Figure India Metal-Oxide Semiconductor Gas Sensor Market Sales Volume and Growth Rate Forecast Analysis (2022-2027) Figure India Metal-Oxide Semiconductor Gas Sensor Market Revenue (Million USD) and Growth Rate Forecast Analysis (2022-2027) Figure Southeast Asia Metal-Oxide Semiconductor Gas Sensor Market Sales Volume and Growth Rate Forecast Analysis (2022-2027) Figure Southeast Asia Metal-Oxide Semiconductor Gas Sensor Market Revenue (Million USD) and Growth Rate Forecast Analysis (2022-2027) Figure Latin America Metal-Oxide Semiconductor Gas Sensor Market Sales Volume and Growth Rate Forecast Analysis (2022-2027) Figure Latin America Metal-Oxide Semiconductor Gas Sensor Market Revenue (Million USD) and Growth Rate Forecast Analysis (2022-2027) Figure Middle East and Africa Metal-Oxide Semiconductor Gas Sensor Market Sales Volume and Growth Rate Forecast Analysis (2022-2027) Figure Middle East and Africa Metal-Oxide Semiconductor Gas Sensor Market Revenue (Million USD) and Growth Rate Forecast Analysis (2022-2027) Table Global Metal-Oxide Semiconductor Gas Sensor Market Sales Volume Forecast, by Type Table Global Metal-Oxide Semiconductor Gas Sensor Sales Volume Market Share Forecast, by Type Table Global Metal-Oxide Semiconductor Gas Sensor Market Revenue (Million USD) Forecast, by Type Table Global Metal-Oxide Semiconductor Gas Sensor Revenue Market Share Forecast, by Type Table Global Metal-Oxide Semiconductor Gas Sensor Price Forecast, by Type Figure Global Metal-Oxide Semiconductor Gas Sensor Revenue (Million USD) and Growth Rate of OXYGEN (2022-2027)

Figure Global Metal-Oxide Semiconductor Gas Sensor Revenue (Million USD) and



Growth Rate of OXYGEN (2022-2027)

Figure Global Metal-Oxide Semiconductor Gas Sensor Revenue (Million USD) and Growth Rate of CARBON MONOXIDE (CO) (2022-2027)

Figure Global Metal-Oxide Semiconductor Gas Sensor Revenue (Million USD) and Growth Rate of CARBON MONOXIDE (CO) (2022-2027)

Figure Global Metal-Oxide Semiconductor Gas Sensor Revenue (Million USD) and Growth Rate of CARBON DIOXIDE(CO2) (2022-2027)

Figure Global Metal-Oxide Semiconductor Gas Sensor Revenue (Million USD) and Growth Rate of CARBON DIOXIDE(CO2) (2022-2027)

Figure Global Metal-Oxide Semiconductor Gas Sensor Revenue (Million USD) and Growth Rate of AMMONIA (2022-2027)

Figure Global Metal-Oxide Semiconductor Gas Sensor Revenue (Million USD) and Growth Rate of AMMONIA (2022-2027)

Figure Global Metal-Oxide Semiconductor Gas Sensor Revenue (Million USD) and Growth Rate of CHLORINE(CL) (2022-2027)

Figure Global Metal-Oxide Semiconductor Gas Sensor Revenue (Million USD) and Growth Rate of CHLORINE(CL) (2022-2027)

Figure Global Metal-Oxide Semiconductor Gas Sensor Revenue (Million USD) and Growth Rate of HYDROGEN SULFIDE (H2S) (2022-2027)

Figure Global Metal-Oxide Semiconductor Gas Sensor Revenue (Million USD) and Growth Rate of HYDROGEN SULFIDE (H2S) (2022-2027)

Figure Global Metal-Oxide Semiconductor Gas Sensor Revenue (Million USD) and Growth Rate of NITROGEN OXIDE (2022-2027)

Figure Global Metal-Oxide Semiconductor Gas Sensor Revenue (Million USD) and Growth Rate of NITROGEN OXIDE (2022-2027)

Figure Global Metal-Oxide Semiconductor Gas Sensor Revenue (Million USD) and Growth Rate of VOLATILE ORGANIC COMPOUND (VOC) (2022-2027)

Figure Global Metal-Oxide Semiconductor Gas Sensor Revenue (Million USD) and Growth Rate of VOLATILE ORGANIC COMPOUND (VOC) (2022-2027)

Table Global Metal-Oxide Semiconductor Gas Sensor Market Consumption Forecast, by Application

Table Global Metal-Oxide Semiconductor Gas Sensor Consumption Market Share Forecast, by Application

Table Global Metal-Oxide Semiconductor Gas Sensor Market Revenue (Million USD) Forecast, by Application

Table Global Metal-Oxide Semiconductor Gas Sensor Revenue Market Share Forecast, by Application

Figure Global Metal-Oxide Semiconductor Gas Sensor Consumption Value (Million USD) and Growth Rate of WATER (2022-2027)



Figure Global Metal-Oxide Semiconductor Gas Sensor Consumption Value (Million USD) and Growth Rate of MEDICAL (2022-2027)

Figure Global Metal-Oxide Semiconductor Gas Sensor Consumption Value (Million USD) and Growth Rate of OIL (2022-2027)

Figure Global Metal-Oxide Semiconductor Gas Sensor Consumption Value (Million USD) and Growth Rate of ENVIRONMENTAL (2022-2027)

Figure Global Metal-Oxide Semiconductor Gas Sensor Consumption Value (Million USD) and Growth Rate of AUTOMOTIVE (2022-2027)

Figure Global Metal-Oxide Semiconductor Gas Sensor Consumption Value (Million USD) and Growth Rate of METAL & CHEMICAL INDUSTRY (2022-2027)

Figure Metal-Oxide Semiconductor Gas Sensor Industrial Chain Analysis

Table Key Raw Materials Suppliers and Price Analysis

Figure Manufacturing Cost Structure Analysis

Table Alternative Product Analysis

Table Downstream Distributors

Table Downstream Buyers

Table AMS AG Profile

Table AMS AG Metal-Oxide Semiconductor Gas Sensor Sales Volume, Revenue

(Million USD), Price and Gross Margin (2017-2022)

Figure AMS AG Metal-Oxide Semiconductor Gas Sensor Sales Volume and Growth Rate

Figure AMS AG Revenue (Million USD) Market Share 2017-2022

Table FIGARO ENGINEERING INC. Profile

Table FIGARO ENGINEERING INC. Metal-Oxide Semiconductor Gas Sensor Sales Volume, Revenue (Million USD), Price and Gross Margin (2017-2022)

Figure FIGARO ENGINEERING INC. Metal-Oxide Semiconductor Gas Sensor Sales Volume and Growth Rate

Figure FIGARO ENGINEERING INC. Revenue (Million USD) Market Share 2017-2022 Table SENSIRION AG. Profile

Table SENSIRION AG. Metal-Oxide Semiconductor Gas Sensor Sales Volume,

Revenue (Million USD), Price and Gross Margin (2017-2022)

Figure SENSIRION AG. Metal-Oxide Semiconductor Gas Sensor Sales Volume and Growth Rate

Figure SENSIRION AG. Revenue (Million USD) Market Share 2017-2022

Table MEMBRAPOR AG. Profile

Table MEMBRAPOR AG. Metal-Oxide Semiconductor Gas Sensor Sales Volume,

Revenue (Million USD), Price and Gross Margin (2017-2022)

Figure MEMBRAPOR AG. Metal-Oxide Semiconductor Gas Sensor Sales Volume and Growth Rate



Figure MEMBRAPOR AG. Revenue (Million USD) Market Share 2017-2022 Table CAMBRIDGE CMOS SENSOR Profile

Table CAMBRIDGE CMOS SENSOR Metal-Oxide Semiconductor Gas Sensor Sales Volume, Revenue (Million USD), Price and Gross Margin (2017-2022)

Figure CAMBRIDGE CMOS SENSOR Metal-Oxide Semiconductor Gas Sensor Sales Volume and Growth Rate

Figure CAMBRIDGE CMOS SENSOR Revenue (Million USD) Market Share 2017-2022 Table BOSCH SENSORTEC GMBH Profile

Table BOSCH SENSORTEC GMBH Metal-Oxide Semiconductor Gas Sensor Sales Volume, Revenue (Million USD), Price and Gross Margin (2017-2022)

Figure BOSCH SENSORTEC GMBH Metal-Oxide Semiconductor Gas Sensor Sales Volume and Growth Rate

Figure BOSCH SENSORTEC GMBH Revenue (Million USD) Market Share 2017-2022 Table ALPHASENSE Profile

Table ALPHASENSE Metal-Oxide Semiconductor Gas Sensor Sales Volume, Revenue (Million USD), Price and Gross Margin (2017-2022)

Figure ALPHASENSE Metal-Oxide Semiconductor Gas Sensor Sales Volume and Growth Rate

Figure ALPHASENSE Revenue (Million USD) Market Share 2017-2022

Table AMPHENOL ADVANCED SENSORS Profile

Table AMPHENOL ADVANCED SENSORS Metal-Oxide Semiconductor Gas SensorSales Volume, Revenue (Million USD), Price and Gross Margin (2017-2022)

Figure AMPHENOL ADVANCED SENSORS Metal-Oxide Semiconductor Gas Sensor Sales Volume and Growth Rate

Figure AMPHENOL ADVANCED SENSORS Revenue (Million USD) Market Share 2017-2022

Table DYNAMENT LTD. Profile

Table DYNAMENT LTD. Metal-Oxide Semiconductor Gas Sensor Sales Volume, Revenue (Million USD), Price and Gross Margin (2017-2022)

Figure DYNAMENT LTD. Metal-Oxide Semiconductor Gas Sensor Sales Volume and Growth Rate

Figure DYNAMENT LTD. Revenue (Million USD) Market Share 2017-2022 Table MSA Profile

Table MSA Metal-Oxide Semiconductor Gas Sensor Sales Volume, Revenue (Million USD), Price and Gross Margin (2017-2022)

Figure MSA Metal-Oxide Semiconductor Gas Sensor Sales Volume and Growth Rate Figure MSA Revenue (Million USD) Market Share 2017-2022

Table SENSEAIR AB Profile

Table SENSEAIR AB Metal-Oxide Semiconductor Gas Sensor Sales Volume, Revenue



(Million USD), Price and Gross Margin (2017-2022)

Figure SENSEAIR AB Metal-Oxide Semiconductor Gas Sensor Sales Volume and Growth Rate

Figure SENSEAIR AB Revenue (Million USD) Market Share 2017-2022

Table CITY TECHNOLOGY LTD. Profile

Table CITY TECHNOLOGY LTD. Metal-Oxide Semiconductor Gas Sensor Sales Volume, Revenue (Million USD), Price and Gross Margin (2017-2022)

Figure CITY TECHNOLOGY LTD. Metal-Oxide Semiconductor Gas Sensor Sales Volume and G



#### I would like to order

Product name: Global Metal-Oxide Semiconductor Gas Sensor Industry Research Report, Competitive Landscape, Market Size, Regional Status and Prospect Product link: <u>https://marketpublishers.com/r/GE775A704B1EEN.html</u> Price: US\$ 3,250.00 (Single User License / Electronic Delivery) If you want to order Corporate License or Hard Copy, please, contact our Customer Service: <u>info@marketpublishers.com</u>

#### Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <u>https://marketpublishers.com/r/GE775A704B1EEN.html</u>

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

Custumer signature \_\_\_\_\_

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

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



Global Metal-Oxide Semiconductor Gas Sensor Industry Research Report, Competitive Landscape, Market Size, Regi...