

Global Ammonia Sensor Supply, Demand and Key Producers, 2023-2029

<https://marketpublishers.com/r/GB5F5C40F5EAEN.html>

Date: March 2023

Pages: 120

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

ID: GB5F5C40F5EAEN

Abstracts

The global Ammonia Sensor market size is expected to reach \$ 181 million by 2029, rising at a market growth of 5.7% CAGR during the forecast period (2023-2029).

The key manufacturers of ammonia sensors in the world include City Technology (Honeywell), Munters Corporation, OTT HydroMet, Figaro Engineering, Nemoto Sensor, SGX Sensortech (Amphenol), Angst+Pfister Sensors and Power AG, ELT SENSOR, SENKO CO.,LTD, Winsensor and Hunan Firstrate Sensor Co, among which the top three manufacturers account for nearly 20% of the market share, and the largest manufacturer is City Technology (Honeywell). The global ammonia sensor market is mainly distributed in the Asia-Pacific region, the United States, Europe, the Middle East and Africa, among which the first two market regions account for more than 70% of the market share. At present, the Asia-Pacific region is the largest market region, accounting for more than 40% of the market share, followed by the United States and Europe. In terms of products, the relative growth rate of 0-100ppm is faster, and the current market share exceeds 60%, followed by 101-500ppm. In terms of application, chemical industry is the largest application field, accounting for nearly 30% of the market share, followed by agriculture and commerce.

Ammonia (NH₃) is a very useful but very dangerous gas. Dangerous because it corrodes the skin, eyes and lungs; useful because ammonia is used in large quantities in the production of fertilizers, plastics, dyes and textiles, and as a refrigerant.

Ammonia gas sensor is a kind of toxic gas sensor mainly used for industrial safety detection. Its working principle is to use electrochemical reaction to obtain the content value of the measured gas by measuring the magnitude of the induced current.

Ammonia sensors are heavily used in manufacturing and industrial processes. It is mainly used in chemical industry, agriculture, atmospheric detection, automobile, business (smart public toilet) and other fields.

This report studies the global Ammonia Sensor production, demand, key manufacturers, and key regions.

This report is a detailed and comprehensive analysis of the world market for Ammonia 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 Ammonia Sensor that contribute to its increasing demand across many markets.

Highlights and key features of the study

Global Ammonia Sensor total production and demand, 2018-2029, (K Units)

Global Ammonia Sensor total production value, 2018-2029, (USD Million)

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

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

U.S. VS China: Ammonia Sensor domestic production, consumption, key domestic manufacturers and share

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

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

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

This reports profiles key players in the global Ammonia 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 City Technology (Honeywell), Munters Corporation, OTT HydroMet, Figaro Engineering, Nemoto Sensor, SGX Sensortech (Amphenol), Angst+Pfister Sensors and Power AG, ELT SENSOR and SENKO CO.,LTD, 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 Ammonia 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 Ammonia Sensor Market, By Region:

United States

China

Europe

Japan

South Korea

ASEAN

India

Rest of World

Global Ammonia Sensor Market, Segmentation by Type

0-100ppm

101-500ppm

50-1000ppm

Others

Global Ammonia Sensor Market, Segmentation by Application

Chemical

Atmospheric Detection

Agriculture

Automotive

Commercial

Others

Companies Profiled:

City Technology (Honeywell)

Munters Corporation

OTT HydroMet

Figaro Engineering

Nemoto Sensor

SGX Sensortech (Amphenol)

Angst+Pfister Sensors and Power AG

ELT SENSOR

SENKO CO.,LTD

Winsensor

Hunan Firstrate Sensor Co

SemeaTech

Aeroqual

AlphaSense (Ametek)

Singoan

Key Questions Answered

1. How big is the global Ammonia Sensor market?
2. What is the demand of the global Ammonia Sensor market?
3. What is the year over year growth of the global Ammonia Sensor market?
4. What is the production and production value of the global Ammonia Sensor market?
5. Who are the key producers in the global Ammonia Sensor market?
6. What are the growth factors driving the market demand?

Contents

1 SUPPLY SUMMARY

- 1.1 Ammonia Sensor Introduction
- 1.2 World Ammonia Sensor Supply & Forecast
 - 1.2.1 World Ammonia Sensor Production Value (2018 & 2022 & 2029)
 - 1.2.2 World Ammonia Sensor Production (2018-2029)
 - 1.2.3 World Ammonia Sensor Pricing Trends (2018-2029)
- 1.3 World Ammonia Sensor Production by Region (Based on Production Site)
 - 1.3.1 World Ammonia Sensor Production Value by Region (2018-2029)
 - 1.3.2 World Ammonia Sensor Production by Region (2018-2029)
 - 1.3.3 World Ammonia Sensor Average Price by Region (2018-2029)
 - 1.3.4 USA Ammonia Sensor Production (2018-2029)
 - 1.3.5 Europe Ammonia Sensor Production (2018-2029)
 - 1.3.6 China Ammonia Sensor Production (2018-2029)
 - 1.3.7 Japan Ammonia Sensor Production (2018-2029)
 - 1.3.8 South Korea Ammonia Sensor Production (2018-2029)
- 1.4 Market Drivers, Restraints and Trends
 - 1.4.1 Ammonia Sensor Market Drivers
 - 1.4.2 Factors Affecting Demand
 - 1.4.3 Ammonia 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 Ammonia Sensor Demand (2018-2029)
- 2.2 World Ammonia Sensor Consumption by Region
 - 2.2.1 World Ammonia Sensor Consumption by Region (2018-2023)
 - 2.2.2 World Ammonia Sensor Consumption Forecast by Region (2024-2029)
- 2.3 United States Ammonia Sensor Consumption (2018-2029)
- 2.4 China Ammonia Sensor Consumption (2018-2029)
- 2.5 Europe Ammonia Sensor Consumption (2018-2029)
- 2.6 Japan Ammonia Sensor Consumption (2018-2029)
- 2.7 South Korea Ammonia Sensor Consumption (2018-2029)
- 2.8 ASEAN Ammonia Sensor Consumption (2018-2029)
- 2.9 India Ammonia Sensor Consumption (2018-2029)

3 WORLD AMMONIA SENSOR MANUFACTURERS COMPETITIVE ANALYSIS

3.1 World Ammonia Sensor Production Value by Manufacturer (2018-2023)

3.2 World Ammonia Sensor Production by Manufacturer (2018-2023)

3.3 World Ammonia Sensor Average Price by Manufacturer (2018-2023)

3.4 Ammonia Sensor Company Evaluation Quadrant

3.5 Industry Rank and Concentration Rate (CR)

3.5.1 Global Ammonia Sensor Industry Rank of Major Manufacturers

3.5.2 Global Concentration Ratios (CR4) for Ammonia Sensor in 2022

3.5.3 Global Concentration Ratios (CR8) for Ammonia Sensor in 2022

3.6 Ammonia Sensor Market: Overall Company Footprint Analysis

3.6.1 Ammonia Sensor Market: Region Footprint

3.6.2 Ammonia Sensor Market: Company Product Type Footprint

3.6.3 Ammonia 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: Ammonia Sensor Production Value Comparison

4.1.1 United States VS China: Ammonia Sensor Production Value Comparison (2018 & 2022 & 2029)

4.1.2 United States VS China: Ammonia Sensor Production Value Market Share Comparison (2018 & 2022 & 2029)

4.2 United States VS China: Ammonia Sensor Production Comparison

4.2.1 United States VS China: Ammonia Sensor Production Comparison (2018 & 2022 & 2029)

4.2.2 United States VS China: Ammonia Sensor Production Market Share Comparison (2018 & 2022 & 2029)

4.3 United States VS China: Ammonia Sensor Consumption Comparison

4.3.1 United States VS China: Ammonia Sensor Consumption Comparison (2018 & 2022 & 2029)

4.3.2 United States VS China: Ammonia Sensor Consumption Market Share Comparison (2018 & 2022 & 2029)

4.4 United States Based Ammonia Sensor Manufacturers and Market Share, 2018-2023

4.4.1 United States Based Ammonia Sensor Manufacturers, Headquarters and Production Site (States, Country)

4.4.2 United States Based Manufacturers Ammonia Sensor Production Value (2018-2023)

4.4.3 United States Based Manufacturers Ammonia Sensor Production (2018-2023)

4.5 China Based Ammonia Sensor Manufacturers and Market Share

4.5.1 China Based Ammonia Sensor Manufacturers, Headquarters and Production Site (Province, Country)

4.5.2 China Based Manufacturers Ammonia Sensor Production Value (2018-2023)

4.5.3 China Based Manufacturers Ammonia Sensor Production (2018-2023)

4.6 Rest of World Based Ammonia Sensor Manufacturers and Market Share, 2018-2023

4.6.1 Rest of World Based Ammonia Sensor Manufacturers, Headquarters and Production Site (State, Country)

4.6.2 Rest of World Based Manufacturers Ammonia Sensor Production Value (2018-2023)

4.6.3 Rest of World Based Manufacturers Ammonia Sensor Production (2018-2023)

5 MARKET ANALYSIS BY TYPE

5.1 World Ammonia Sensor Market Size Overview by Type: 2018 VS 2022 VS 2029

5.2 Segment Introduction by Type

5.2.1 0-100ppm

5.2.2 101-500ppm

5.2.3 50-1000ppm

5.2.4 Others

5.3 Market Segment by Type

5.3.1 World Ammonia Sensor Production by Type (2018-2029)

5.3.2 World Ammonia Sensor Production Value by Type (2018-2029)

5.3.3 World Ammonia Sensor Average Price by Type (2018-2029)

6 MARKET ANALYSIS BY APPLICATION

6.1 World Ammonia Sensor Market Size Overview by Application: 2018 VS 2022 VS 2029

6.2 Segment Introduction by Application

6.2.1 Chemical

6.2.2 Atmospheric Detection

6.2.3 Agriculture

6.2.4 Automotive

6.2.5 Commercial

6.2.6 Others

6.3 Market Segment by Application

6.3.1 World Ammonia Sensor Production by Application (2018-2029)

6.3.2 World Ammonia Sensor Production Value by Application (2018-2029)

6.3.3 World Ammonia Sensor Average Price by Application (2018-2029)

7 COMPANY PROFILES

7.1 City Technology (Honeywell)

7.1.1 City Technology (Honeywell) Details

7.1.2 City Technology (Honeywell) Major Business

7.1.3 City Technology (Honeywell) Ammonia Sensor Product and Services

7.1.4 City Technology (Honeywell) Ammonia Sensor Production, Price, Value, Gross Margin and Market Share (2018-2023)

7.1.5 City Technology (Honeywell) Recent Developments/Updates

7.1.6 City Technology (Honeywell) Competitive Strengths & Weaknesses

7.2 Munters Corporation

7.2.1 Munters Corporation Details

7.2.2 Munters Corporation Major Business

7.2.3 Munters Corporation Ammonia Sensor Product and Services

7.2.4 Munters Corporation Ammonia Sensor Production, Price, Value, Gross Margin and Market Share (2018-2023)

7.2.5 Munters Corporation Recent Developments/Updates

7.2.6 Munters Corporation Competitive Strengths & Weaknesses

7.3 OTT HydroMet

7.3.1 OTT HydroMet Details

7.3.2 OTT HydroMet Major Business

7.3.3 OTT HydroMet Ammonia Sensor Product and Services

7.3.4 OTT HydroMet Ammonia Sensor Production, Price, Value, Gross Margin and Market Share (2018-2023)

7.3.5 OTT HydroMet Recent Developments/Updates

7.3.6 OTT HydroMet Competitive Strengths & Weaknesses

7.4 Figaro Engineering

7.4.1 Figaro Engineering Details

7.4.2 Figaro Engineering Major Business

7.4.3 Figaro Engineering Ammonia Sensor Product and Services

7.4.4 Figaro Engineering Ammonia Sensor Production, Price, Value, Gross Margin and Market Share (2018-2023)

7.4.5 Figaro Engineering Recent Developments/Updates

7.4.6 Figaro Engineering Competitive Strengths & Weaknesses

7.5 Nemoto Sensor

7.5.1 Nemoto Sensor Details

7.5.2 Nemoto Sensor Major Business

7.5.3 Nemoto Sensor Ammonia Sensor Product and Services

7.5.4 Nemoto Sensor Ammonia Sensor Production, Price, Value, Gross Margin and Market Share (2018-2023)

7.5.5 Nemoto Sensor Recent Developments/Updates

7.5.6 Nemoto Sensor Competitive Strengths & Weaknesses

7.6 SGX Sensortech (Amphenol)

7.6.1 SGX Sensortech (Amphenol) Details

7.6.2 SGX Sensortech (Amphenol) Major Business

7.6.3 SGX Sensortech (Amphenol) Ammonia Sensor Product and Services

7.6.4 SGX Sensortech (Amphenol) Ammonia Sensor Production, Price, Value, Gross Margin and Market Share (2018-2023)

7.6.5 SGX Sensortech (Amphenol) Recent Developments/Updates

7.6.6 SGX Sensortech (Amphenol) Competitive Strengths & Weaknesses

7.7 Angst+Pfister Sensors and Power AG

7.7.1 Angst+Pfister Sensors and Power AG Details

7.7.2 Angst+Pfister Sensors and Power AG Major Business

7.7.3 Angst+Pfister Sensors and Power AG Ammonia Sensor Product and Services

7.7.4 Angst+Pfister Sensors and Power AG Ammonia Sensor Production, Price, Value, Gross Margin and Market Share (2018-2023)

7.7.5 Angst+Pfister Sensors and Power AG Recent Developments/Updates

7.7.6 Angst+Pfister Sensors and Power AG Competitive Strengths & Weaknesses

7.8 ELT SENSOR

7.8.1 ELT SENSOR Details

7.8.2 ELT SENSOR Major Business

7.8.3 ELT SENSOR Ammonia Sensor Product and Services

7.8.4 ELT SENSOR Ammonia Sensor Production, Price, Value, Gross Margin and Market Share (2018-2023)

7.8.5 ELT SENSOR Recent Developments/Updates

7.8.6 ELT SENSOR Competitive Strengths & Weaknesses

7.9 SENKO CO.,LTD

7.9.1 SENKO CO.,LTD Details

7.9.2 SENKO CO.,LTD Major Business

- 7.9.3 SENKO CO.,LTD Ammonia Sensor Product and Services
- 7.9.4 SENKO CO.,LTD Ammonia Sensor Production, Price, Value, Gross Margin and Market Share (2018-2023)
- 7.9.5 SENKO CO.,LTD Recent Developments/Updates
- 7.9.6 SENKO CO.,LTD Competitive Strengths & Weaknesses
- 7.10 Winsensor
 - 7.10.1 Winsensor Details
 - 7.10.2 Winsensor Major Business
 - 7.10.3 Winsensor Ammonia Sensor Product and Services
 - 7.10.4 Winsensor Ammonia Sensor Production, Price, Value, Gross Margin and Market Share (2018-2023)
 - 7.10.5 Winsensor Recent Developments/Updates
 - 7.10.6 Winsensor Competitive Strengths & Weaknesses
- 7.11 Hunan Firstrate Sensor Co
 - 7.11.1 Hunan Firstrate Sensor Co Details
 - 7.11.2 Hunan Firstrate Sensor Co Major Business
 - 7.11.3 Hunan Firstrate Sensor Co Ammonia Sensor Product and Services
 - 7.11.4 Hunan Firstrate Sensor Co Ammonia Sensor Production, Price, Value, Gross Margin and Market Share (2018-2023)
 - 7.11.5 Hunan Firstrate Sensor Co Recent Developments/Updates
 - 7.11.6 Hunan Firstrate Sensor Co Competitive Strengths & Weaknesses
- 7.12 SemeaTech
 - 7.12.1 SemeaTech Details
 - 7.12.2 SemeaTech Major Business
 - 7.12.3 SemeaTech Ammonia Sensor Product and Services
 - 7.12.4 SemeaTech Ammonia Sensor Production, Price, Value, Gross Margin and Market Share (2018-2023)
 - 7.12.5 SemeaTech Recent Developments/Updates
 - 7.12.6 SemeaTech Competitive Strengths & Weaknesses
- 7.13 Aeroqual
 - 7.13.1 Aeroqual Details
 - 7.13.2 Aeroqual Major Business
 - 7.13.3 Aeroqual Ammonia Sensor Product and Services
 - 7.13.4 Aeroqual Ammonia Sensor Production, Price, Value, Gross Margin and Market Share (2018-2023)
 - 7.13.5 Aeroqual Recent Developments/Updates
 - 7.13.6 Aeroqual Competitive Strengths & Weaknesses
- 7.14 AlphaSense (Ametek)
 - 7.14.1 AlphaSense (Ametek) Details

- 7.14.2 AlphaSense (Ametek) Major Business
- 7.14.3 AlphaSense (Ametek) Ammonia Sensor Product and Services
- 7.14.4 AlphaSense (Ametek) Ammonia Sensor Production, Price, Value, Gross Margin and Market Share (2018-2023)
- 7.14.5 AlphaSense (Ametek) Recent Developments/Updates
- 7.14.6 AlphaSense (Ametek) Competitive Strengths & Weaknesses
- 7.15 Singoan
 - 7.15.1 Singoan Details
 - 7.15.2 Singoan Major Business
 - 7.15.3 Singoan Ammonia Sensor Product and Services
 - 7.15.4 Singoan Ammonia Sensor Production, Price, Value, Gross Margin and Market Share (2018-2023)
 - 7.15.5 Singoan Recent Developments/Updates
 - 7.15.6 Singoan Competitive Strengths & Weaknesses

8 INDUSTRY CHAIN ANALYSIS

- 8.1 Ammonia Sensor Industry Chain
- 8.2 Ammonia Sensor Upstream Analysis
 - 8.2.1 Ammonia Sensor Core Raw Materials
 - 8.2.2 Main Manufacturers of Ammonia Sensor Core Raw Materials
- 8.3 Midstream Analysis
- 8.4 Downstream Analysis
- 8.5 Ammonia Sensor Production Mode
- 8.6 Ammonia Sensor Procurement Model
- 8.7 Ammonia Sensor Industry Sales Model and Sales Channels
 - 8.7.1 Ammonia Sensor Sales Model
 - 8.7.2 Ammonia 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 Ammonia Sensor Production Value by Region (2018, 2022 and 2029) & (USD Million)
- Table 2. World Ammonia Sensor Production Value by Region (2018-2023) & (USD Million)
- Table 3. World Ammonia Sensor Production Value by Region (2024-2029) & (USD Million)
- Table 4. World Ammonia Sensor Production Value Market Share by Region (2018-2023)
- Table 5. World Ammonia Sensor Production Value Market Share by Region (2024-2029)
- Table 6. World Ammonia Sensor Production by Region (2018-2023) & (K Units)
- Table 7. World Ammonia Sensor Production by Region (2024-2029) & (K Units)
- Table 8. World Ammonia Sensor Production Market Share by Region (2018-2023)
- Table 9. World Ammonia Sensor Production Market Share by Region (2024-2029)
- Table 10. World Ammonia Sensor Average Price by Region (2018-2023) & (US\$/Unit)
- Table 11. World Ammonia Sensor Average Price by Region (2024-2029) & (US\$/Unit)
- Table 12. Ammonia Sensor Major Market Trends
- Table 13. World Ammonia Sensor Consumption Growth Rate Forecast by Region (2018 & 2022 & 2029) & (K Units)
- Table 14. World Ammonia Sensor Consumption by Region (2018-2023) & (K Units)
- Table 15. World Ammonia Sensor Consumption Forecast by Region (2024-2029) & (K Units)
- Table 16. World Ammonia Sensor Production Value by Manufacturer (2018-2023) & (USD Million)
- Table 17. Production Value Market Share of Key Ammonia Sensor Producers in 2022
- Table 18. World Ammonia Sensor Production by Manufacturer (2018-2023) & (K Units)
- Table 19. Production Market Share of Key Ammonia Sensor Producers in 2022
- Table 20. World Ammonia Sensor Average Price by Manufacturer (2018-2023) & (US\$/Unit)
- Table 21. Global Ammonia Sensor Company Evaluation Quadrant
- Table 22. World Ammonia Sensor Industry Rank of Major Manufacturers, Based on Production Value in 2022
- Table 23. Head Office and Ammonia Sensor Production Site of Key Manufacturer
- Table 24. Ammonia Sensor Market: Company Product Type Footprint
- Table 25. Ammonia Sensor Market: Company Product Application Footprint

- Table 26. Ammonia Sensor Competitive Factors
- Table 27. Ammonia Sensor New Entrant and Capacity Expansion Plans
- Table 28. Ammonia Sensor Mergers & Acquisitions Activity
- Table 29. United States VS China Ammonia Sensor Production Value Comparison, (2018 & 2022 & 2029) & (USD Million)
- Table 30. United States VS China Ammonia Sensor Production Comparison, (2018 & 2022 & 2029) & (K Units)
- Table 31. United States VS China Ammonia Sensor Consumption Comparison, (2018 & 2022 & 2029) & (K Units)
- Table 32. United States Based Ammonia Sensor Manufacturers, Headquarters and Production Site (States, Country)
- Table 33. United States Based Manufacturers Ammonia Sensor Production Value, (2018-2023) & (USD Million)
- Table 34. United States Based Manufacturers Ammonia Sensor Production Value Market Share (2018-2023)
- Table 35. United States Based Manufacturers Ammonia Sensor Production (2018-2023) & (K Units)
- Table 36. United States Based Manufacturers Ammonia Sensor Production Market Share (2018-2023)
- Table 37. China Based Ammonia Sensor Manufacturers, Headquarters and Production Site (Province, Country)
- Table 38. China Based Manufacturers Ammonia Sensor Production Value, (2018-2023) & (USD Million)
- Table 39. China Based Manufacturers Ammonia Sensor Production Value Market Share (2018-2023)
- Table 40. China Based Manufacturers Ammonia Sensor Production (2018-2023) & (K Units)
- Table 41. China Based Manufacturers Ammonia Sensor Production Market Share (2018-2023)
- Table 42. Rest of World Based Ammonia Sensor Manufacturers, Headquarters and Production Site (States, Country)
- Table 43. Rest of World Based Manufacturers Ammonia Sensor Production Value, (2018-2023) & (USD Million)
- Table 44. Rest of World Based Manufacturers Ammonia Sensor Production Value Market Share (2018-2023)
- Table 45. Rest of World Based Manufacturers Ammonia Sensor Production (2018-2023) & (K Units)
- Table 46. Rest of World Based Manufacturers Ammonia Sensor Production Market Share (2018-2023)

Table 47. World Ammonia Sensor Production Value by Type, (USD Million), 2018 & 2022 & 2029

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

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

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

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

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

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

Table 54. World Ammonia Sensor Production Value by Application, (USD Million), 2018 & 2022 & 2029

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

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

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

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

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

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

Table 61. City Technology (Honeywell) Basic Information, Manufacturing Base and Competitors

Table 62. City Technology (Honeywell) Major Business

Table 63. City Technology (Honeywell) Ammonia Sensor Product and Services

Table 64. City Technology (Honeywell) Ammonia Sensor Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2018-2023)

Table 65. City Technology (Honeywell) Recent Developments/Updates

Table 66. City Technology (Honeywell) Competitive Strengths & Weaknesses

Table 67. Munters Corporation Basic Information, Manufacturing Base and Competitors

Table 68. Munters Corporation Major Business

Table 69. Munters Corporation Ammonia Sensor Product and Services

Table 70. Munters Corporation Ammonia Sensor Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2018-2023)

Table 71. Munters Corporation Recent Developments/Updates

Table 72. Munters Corporation Competitive Strengths & Weaknesses

Table 73. OTT HydroMet Basic Information, Manufacturing Base and Competitors

- Table 74. OTT HydroMet Major Business
- Table 75. OTT HydroMet Ammonia Sensor Product and Services
- Table 76. OTT HydroMet Ammonia Sensor Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2018-2023)
- Table 77. OTT HydroMet Recent Developments/Updates
- Table 78. OTT HydroMet Competitive Strengths & Weaknesses
- Table 79. Figaro Engineering Basic Information, Manufacturing Base and Competitors
- Table 80. Figaro Engineering Major Business
- Table 81. Figaro Engineering Ammonia Sensor Product and Services
- Table 82. Figaro Engineering Ammonia Sensor Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2018-2023)
- Table 83. Figaro Engineering Recent Developments/Updates
- Table 84. Figaro Engineering Competitive Strengths & Weaknesses
- Table 85. Nemoto Sensor Basic Information, Manufacturing Base and Competitors
- Table 86. Nemoto Sensor Major Business
- Table 87. Nemoto Sensor Ammonia Sensor Product and Services
- Table 88. Nemoto Sensor Ammonia Sensor Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2018-2023)
- Table 89. Nemoto Sensor Recent Developments/Updates
- Table 90. Nemoto Sensor Competitive Strengths & Weaknesses
- Table 91. SGX Sensortech (Amphenol) Basic Information, Manufacturing Base and Competitors
- Table 92. SGX Sensortech (Amphenol) Major Business
- Table 93. SGX Sensortech (Amphenol) Ammonia Sensor Product and Services
- Table 94. SGX Sensortech (Amphenol) Ammonia Sensor Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2018-2023)
- Table 95. SGX Sensortech (Amphenol) Recent Developments/Updates
- Table 96. SGX Sensortech (Amphenol) Competitive Strengths & Weaknesses
- Table 97. Angst+Pfister Sensors and Power AG Basic Information, Manufacturing Base and Competitors
- Table 98. Angst+Pfister Sensors and Power AG Major Business
- Table 99. Angst+Pfister Sensors and Power AG Ammonia Sensor Product and Services
- Table 100. Angst+Pfister Sensors and Power AG Ammonia Sensor Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2018-2023)
- Table 101. Angst+Pfister Sensors and Power AG Recent Developments/Updates
- Table 102. Angst+Pfister Sensors and Power AG Competitive Strengths & Weaknesses
- Table 103. ELT SENSOR Basic Information, Manufacturing Base and Competitors

- Table 104. ELT SENSOR Major Business
- Table 105. ELT SENSOR Ammonia Sensor Product and Services
- Table 106. ELT SENSOR Ammonia Sensor Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2018-2023)
- Table 107. ELT SENSOR Recent Developments/Updates
- Table 108. ELT SENSOR Competitive Strengths & Weaknesses
- Table 109. SENKO CO.,LTD Basic Information, Manufacturing Base and Competitors
- Table 110. SENKO CO.,LTD Major Business
- Table 111. SENKO CO.,LTD Ammonia Sensor Product and Services
- Table 112. SENKO CO.,LTD Ammonia Sensor Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2018-2023)
- Table 113. SENKO CO.,LTD Recent Developments/Updates
- Table 114. SENKO CO.,LTD Competitive Strengths & Weaknesses
- Table 115. Winsensor Basic Information, Manufacturing Base and Competitors
- Table 116. Winsensor Major Business
- Table 117. Winsensor Ammonia Sensor Product and Services
- Table 118. Winsensor Ammonia Sensor Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2018-2023)
- Table 119. Winsensor Recent Developments/Updates
- Table 120. Winsensor Competitive Strengths & Weaknesses
- Table 121. Hunan Firstrate Sensor Co Basic Information, Manufacturing Base and Competitors
- Table 122. Hunan Firstrate Sensor Co Major Business
- Table 123. Hunan Firstrate Sensor Co Ammonia Sensor Product and Services
- Table 124. Hunan Firstrate Sensor Co Ammonia Sensor Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2018-2023)
- Table 125. Hunan Firstrate Sensor Co Recent Developments/Updates
- Table 126. Hunan Firstrate Sensor Co Competitive Strengths & Weaknesses
- Table 127. SemeaTech Basic Information, Manufacturing Base and Competitors
- Table 128. SemeaTech Major Business
- Table 129. SemeaTech Ammonia Sensor Product and Services
- Table 130. SemeaTech Ammonia Sensor Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2018-2023)
- Table 131. SemeaTech Recent Developments/Updates
- Table 132. SemeaTech Competitive Strengths & Weaknesses
- Table 133. Aeroqual Basic Information, Manufacturing Base and Competitors
- Table 134. Aeroqual Major Business
- Table 135. Aeroqual Ammonia Sensor Product and Services

- Table 136. Aeroqual Ammonia Sensor Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2018-2023)
- Table 137. Aeroqual Recent Developments/Updates
- Table 138. Aeroqual Competitive Strengths & Weaknesses
- Table 139. AlphaSense (Ametek) Basic Information, Manufacturing Base and Competitors
- Table 140. AlphaSense (Ametek) Major Business
- Table 141. AlphaSense (Ametek) Ammonia Sensor Product and Services
- Table 142. AlphaSense (Ametek) Ammonia Sensor Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2018-2023)
- Table 143. AlphaSense (Ametek) Recent Developments/Updates
- Table 144. Singoan Basic Information, Manufacturing Base and Competitors
- Table 145. Singoan Major Business
- Table 146. Singoan Ammonia Sensor Product and Services
- Table 147. Singoan Ammonia Sensor Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2018-2023)
- Table 148. Global Key Players of Ammonia Sensor Upstream (Raw Materials)
- Table 149. Ammonia Sensor Typical Customers
- Table 150. Ammonia Sensor Typical Distributors

List Of Figures

LIST OF FIGURES

Figure 1. Ammonia Sensor Picture

Figure 2. World Ammonia Sensor Production Value: 2018 & 2022 & 2029, (USD Million)

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

Figure 4. World Ammonia Sensor Production (2018-2029) & (K Units)

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

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

Figure 7. World Ammonia Sensor Production Market Share by Region (2018-2029)

Figure 8. USA Ammonia Sensor Production (2018-2029) & (K Units)

Figure 9. Europe Ammonia Sensor Production (2018-2029) & (K Units)

Figure 10. China Ammonia Sensor Production (2018-2029) & (K Units)

Figure 11. Japan Ammonia Sensor Production (2018-2029) & (K Units)

Figure 12. South Korea Ammonia Sensor Production (2018-2029) & (K Units)

Figure 13. Ammonia Sensor Market Drivers

Figure 14. Factors Affecting Demand

Figure 15. World Ammonia Sensor Consumption (2018-2029) & (K Units)

Figure 16. World Ammonia Sensor Consumption Market Share by Region (2018-2029)

Figure 17. United States Ammonia Sensor Consumption (2018-2029) & (K Units)

Figure 18. China Ammonia Sensor Consumption (2018-2029) & (K Units)

Figure 19. Europe Ammonia Sensor Consumption (2018-2029) & (K Units)

Figure 20. Japan Ammonia Sensor Consumption (2018-2029) & (K Units)

Figure 21. South Korea Ammonia Sensor Consumption (2018-2029) & (K Units)

Figure 22. ASEAN Ammonia Sensor Consumption (2018-2029) & (K Units)

Figure 23. India Ammonia Sensor Consumption (2018-2029) & (K Units)

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

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

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

Figure 27. United States VS China: Ammonia Sensor Production Value Market Share Comparison (2018 & 2022 & 2029)

Figure 28. United States VS China: Ammonia Sensor Production Market Share Comparison (2018 & 2022 & 2029)

Figure 29. United States VS China: Ammonia Sensor Consumption Market Share Comparison (2018 & 2022 & 2029)

Figure 30. United States Based Manufacturers Ammonia Sensor Production Market Share 2022

Figure 31. China Based Manufacturers Ammonia Sensor Production Market Share 2022

Figure 32. Rest of World Based Manufacturers Ammonia Sensor Production Market Share 2022

Figure 33. World Ammonia Sensor Production Value by Type, (USD Million), 2018 & 2022 & 2029

Figure 34. World Ammonia Sensor Production Value Market Share by Type in 2022

Figure 35. 0-100ppm

Figure 36. 101-500ppm

Figure 37. 50-1000ppm

Figure 38. Others

Figure 39. World Ammonia Sensor Production Market Share by Type (2018-2029)

Figure 40. World Ammonia Sensor Production Value Market Share by Type (2018-2029)

Figure 41. World Ammonia Sensor Average Price by Type (2018-2029) & (US\$/Unit)

Figure 42. World Ammonia Sensor Production Value by Application, (USD Million), 2018 & 2022 & 2029

Figure 43. World Ammonia Sensor Production Value Market Share by Application in 2022

Figure 44. Chemical

Figure 45. Atmospheric Detection

Figure 46. Agriculture

Figure 47. Automotive

Figure 48. Commercial

Figure 49. Others

Figure 50. World Ammonia Sensor Production Market Share by Application (2018-2029)

Figure 51. World Ammonia Sensor Production Value Market Share by Application (2018-2029)

Figure 52. World Ammonia Sensor Average Price by Application (2018-2029) & (US\$/Unit)

Figure 53. Ammonia Sensor Industry Chain

Figure 54. Ammonia Sensor Procurement Model

Figure 55. Ammonia Sensor Sales Model

Figure 56. Ammonia Sensor Sales Channels, Direct Sales, and Distribution

Figure 57. Methodology

Figure 58. Research Process and Data Source

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