

# Global Electronic Nose (E-Nose) Market 2024 by Manufacturers, Regions, Type and Application, Forecast to 2030

<https://marketpublishers.com/r/G4C1F6963EC7EN.html>

Date: January 2024

Pages: 96

Price: US\$ 3,480.00 (Single User License)

ID: G4C1F6963EC7EN

## Abstracts

According to our (Global Info Research) latest study, the global Electronic Nose (E-Nose) market size was valued at USD 38 million in 2023 and is forecast to a readjusted size of USD 61 million by 2030 with a CAGR of 6.7% during review period.

An electronic nose (e-nose) is a device that identifies the specific components of an odor and analyzes its chemical makeup to identify it. An electronic nose consists of a mechanism for chemical detection, such as an array of electronic sensors, and a mechanism for pattern recognition, such as a neural network.

The global Electronic Nose is mainly produced in North America, Europe and Asia-Pacific, they occupied for a share over 90 percent. Global top five manufacturers of Electronic Nose occupied for a share about 60 percent, they are Alpha MOS, Airsense, The Enose Company, Odotech and Brechbuehle.

The Global Info Research report includes an overview of the development of the Electronic Nose (E-Nose) industry chain, the market status of Scientific Research Institute (Benchtop, Portable), Government (Benchtop, Portable), and key enterprises in developed and developing market, and analysed the cutting-edge technology, patent, hot applications and market trends of Electronic Nose (E-Nose).

Regionally, the report analyzes the Electronic Nose (E-Nose) markets in key regions. North America and Europe are experiencing steady growth, driven by government initiatives and increasing consumer awareness. Asia-Pacific, particularly China, leads the global Electronic Nose (E-Nose) market, with robust domestic demand, supportive policies, and a strong manufacturing base.

## Key Features:

The report presents comprehensive understanding of the Electronic Nose (E-Nose) market. It provides a holistic view of the industry, as well as detailed insights into individual components and stakeholders. The report analysis market dynamics, trends, challenges, and opportunities within the Electronic Nose (E-Nose) industry.

The report involves analyzing the market at a macro level:

**Market Sizing and Segmentation:** Report collect data on the overall market size, including the sales quantity (Units), revenue generated, and market share of different by Type (e.g., Benchtop, Portable).

**Industry Analysis:** Report analyse the broader industry trends, such as government policies and regulations, technological advancements, consumer preferences, and market dynamics. This analysis helps in understanding the key drivers and challenges influencing the Electronic Nose (E-Nose) market.

**Regional Analysis:** The report involves examining the Electronic Nose (E-Nose) market at a regional or national level. Report analyses regional factors such as government incentives, infrastructure development, economic conditions, and consumer behaviour to identify variations and opportunities within different markets.

**Market Projections:** Report covers the gathered data and analysis to make future projections and forecasts for the Electronic Nose (E-Nose) market. This may include estimating market growth rates, predicting market demand, and identifying emerging trends.

The report also involves a more granular approach to Electronic Nose (E-Nose):

**Company Analysis:** Report covers individual Electronic Nose (E-Nose) manufacturers, suppliers, and other relevant industry players. This analysis includes studying their financial performance, market positioning, product portfolios, partnerships, and strategies.

**Consumer Analysis:** Report covers data on consumer behaviour, preferences, and attitudes towards Electronic Nose (E-Nose) This may involve surveys, interviews, and analysis of consumer reviews and feedback from different by Application (Scientific

Research Institute, Government).

**Technology Analysis:** Report covers specific technologies relevant to Electronic Nose (E-Nose). It assesses the current state, advancements, and potential future developments in Electronic Nose (E-Nose) areas.

**Competitive Landscape:** By analyzing individual companies, suppliers, and consumers, the report present insights into the competitive landscape of the Electronic Nose (E-Nose) market. This analysis helps understand market share, competitive advantages, and potential areas for differentiation among industry players.

**Market Validation:** The report involves validating findings and projections through primary research, such as surveys, interviews, and focus groups.

## Market Segmentation

Electronic Nose (E-Nose) market is split by Type and by Application. For the period 2019-2030, the growth among segments provides accurate calculations and forecasts for consumption value by Type, and by Application in terms of volume and value.

### Market segment by Type

Benchtop

Portable

### Market segment by Application

Scientific Research Institute

Government

Commercial & Industrial

### Major players covered

Alpha MOS

Airsense

The Enose Company

Odotech

Brexbuehler

Sensigent

Electronic Sensor Technology

E-Nose Pty Ltd

Shanghai Bosin

Market segment by region, regional analysis covers

North America (United States, Canada and Mexico)

Europe (Germany, France, United Kingdom, Russia, Italy, and Rest of Europe)

Asia-Pacific (China, Japan, Korea, India, Southeast Asia, and Australia)

South America (Brazil, Argentina, Colombia, and Rest of South America)

Middle East & Africa (Saudi Arabia, UAE, Egypt, South Africa, and Rest of Middle East & Africa)

The content of the study subjects, includes a total of 15 chapters:

Chapter 1, to describe Electronic Nose (E-Nose) product scope, market overview, market estimation caveats and base year.

Chapter 2, to profile the top manufacturers of Electronic Nose (E-Nose), with price, sales, revenue and global market share of Electronic Nose (E-Nose) from 2019 to 2024.

Chapter 3, the Electronic Nose (E-Nose) competitive situation, sales quantity, revenue and global market share of top manufacturers are analyzed emphatically by landscape contrast.

Chapter 4, the Electronic Nose (E-Nose) breakdown data are shown at the regional level, to show the sales quantity, consumption value and growth by regions, from 2019 to 2030.

Chapter 5 and 6, to segment the sales by Type and application, with sales market share and growth rate by type, application, from 2019 to 2030.

Chapter 7, 8, 9, 10 and 11, to break the sales data at the country level, with sales quantity, consumption value and market share for key countries in the world, from 2017 to 2023. and Electronic Nose (E-Nose) market forecast, by regions, type and application, with sales and revenue, from 2025 to 2030.

Chapter 12, market dynamics, drivers, restraints, trends and Porters Five Forces analysis.

Chapter 13, the key raw materials and key suppliers, and industry chain of Electronic Nose (E-Nose).

Chapter 14 and 15, to describe Electronic Nose (E-Nose) sales channel, distributors, customers, research findings and conclusion.

## Contents

### 1 MARKET OVERVIEW

- 1.1 Product Overview and Scope of Electronic Nose (E-Nose)
- 1.2 Market Estimation Caveats and Base Year
- 1.3 Market Analysis by Type
  - 1.3.1 Overview: Global Electronic Nose (E-Nose) Consumption Value by Type: 2019 Versus 2023 Versus 2030
  - 1.3.2 Benchtop
  - 1.3.3 Portable
- 1.4 Market Analysis by Application
  - 1.4.1 Overview: Global Electronic Nose (E-Nose) Consumption Value by Application: 2019 Versus 2023 Versus 2030
  - 1.4.2 Scientific Research Institute
  - 1.4.3 Government
  - 1.4.4 Commercial & Industrial
- 1.5 Global Electronic Nose (E-Nose) Market Size & Forecast
  - 1.5.1 Global Electronic Nose (E-Nose) Consumption Value (2019 & 2023 & 2030)
  - 1.5.2 Global Electronic Nose (E-Nose) Sales Quantity (2019-2030)
  - 1.5.3 Global Electronic Nose (E-Nose) Average Price (2019-2030)

### 2 MANUFACTURERS PROFILES

- 2.1 Alpha MOS
  - 2.1.1 Alpha MOS Details
  - 2.1.2 Alpha MOS Major Business
  - 2.1.3 Alpha MOS Electronic Nose (E-Nose) Product and Services
  - 2.1.4 Alpha MOS Electronic Nose (E-Nose) Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2019-2024)
  - 2.1.5 Alpha MOS Recent Developments/Updates
- 2.2 Airsense
  - 2.2.1 Airsense Details
  - 2.2.2 Airsense Major Business
  - 2.2.3 Airsense Electronic Nose (E-Nose) Product and Services
  - 2.2.4 Airsense Electronic Nose (E-Nose) Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2019-2024)
  - 2.2.5 Airsense Recent Developments/Updates
- 2.3 The Enose Company

- 2.3.1 The Enose Company Details
- 2.3.2 The Enose Company Major Business
- 2.3.3 The Enose Company Electronic Nose (E-Nose) Product and Services
- 2.3.4 The Enose Company Electronic Nose (E-Nose) Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2019-2024)
- 2.3.5 The Enose Company Recent Developments/Updates
- 2.4 Odotech
  - 2.4.1 Odotech Details
  - 2.4.2 Odotech Major Business
  - 2.4.3 Odotech Electronic Nose (E-Nose) Product and Services
  - 2.4.4 Odotech Electronic Nose (E-Nose) Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2019-2024)
  - 2.4.5 Odotech Recent Developments/Updates
- 2.5 Brechbuehler
  - 2.5.1 Brechbuehler Details
  - 2.5.2 Brechbuehler Major Business
  - 2.5.3 Brechbuehler Electronic Nose (E-Nose) Product and Services
  - 2.5.4 Brechbuehler Electronic Nose (E-Nose) Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2019-2024)
  - 2.5.5 Brechbuehler Recent Developments/Updates
- 2.6 Sensigent
  - 2.6.1 Sensigent Details
  - 2.6.2 Sensigent Major Business
  - 2.6.3 Sensigent Electronic Nose (E-Nose) Product and Services
  - 2.6.4 Sensigent Electronic Nose (E-Nose) Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2019-2024)
  - 2.6.5 Sensigent Recent Developments/Updates
- 2.7 Electronic Sensor Technology
  - 2.7.1 Electronic Sensor Technology Details
  - 2.7.2 Electronic Sensor Technology Major Business
  - 2.7.3 Electronic Sensor Technology Electronic Nose (E-Nose) Product and Services
  - 2.7.4 Electronic Sensor Technology Electronic Nose (E-Nose) Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2019-2024)
  - 2.7.5 Electronic Sensor Technology Recent Developments/Updates
- 2.8 E-Nose Pty Ltd
  - 2.8.1 E-Nose Pty Ltd Details
  - 2.8.2 E-Nose Pty Ltd Major Business
  - 2.8.3 E-Nose Pty Ltd Electronic Nose (E-Nose) Product and Services
  - 2.8.4 E-Nose Pty Ltd Electronic Nose (E-Nose) Sales Quantity, Average Price,

Revenue, Gross Margin and Market Share (2019-2024)

2.8.5 E-Nose Pty Ltd Recent Developments/Updates

2.9 Shanghai Bosin

2.9.1 Shanghai Bosin Details

2.9.2 Shanghai Bosin Major Business

2.9.3 Shanghai Bosin Electronic Nose (E-Nose) Product and Services

2.9.4 Shanghai Bosin Electronic Nose (E-Nose) Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2019-2024)

2.9.5 Shanghai Bosin Recent Developments/Updates

### **3 COMPETITIVE ENVIRONMENT: ELECTRONIC NOSE (E-NOSE) BY MANUFACTURER**

3.1 Global Electronic Nose (E-Nose) Sales Quantity by Manufacturer (2019-2024)

3.2 Global Electronic Nose (E-Nose) Revenue by Manufacturer (2019-2024)

3.3 Global Electronic Nose (E-Nose) Average Price by Manufacturer (2019-2024)

3.4 Market Share Analysis (2023)

3.4.1 Producer Shipments of Electronic Nose (E-Nose) by Manufacturer Revenue (\$MM) and Market Share (%): 2023

3.4.2 Top 3 Electronic Nose (E-Nose) Manufacturer Market Share in 2023

3.4.2 Top 6 Electronic Nose (E-Nose) Manufacturer Market Share in 2023

3.5 Electronic Nose (E-Nose) Market: Overall Company Footprint Analysis

3.5.1 Electronic Nose (E-Nose) Market: Region Footprint

3.5.2 Electronic Nose (E-Nose) Market: Company Product Type Footprint

3.5.3 Electronic Nose (E-Nose) Market: Company Product Application Footprint

3.6 New Market Entrants and Barriers to Market Entry

3.7 Mergers, Acquisition, Agreements, and Collaborations

### **4 CONSUMPTION ANALYSIS BY REGION**

4.1 Global Electronic Nose (E-Nose) Market Size by Region

4.1.1 Global Electronic Nose (E-Nose) Sales Quantity by Region (2019-2030)

4.1.2 Global Electronic Nose (E-Nose) Consumption Value by Region (2019-2030)

4.1.3 Global Electronic Nose (E-Nose) Average Price by Region (2019-2030)

4.2 North America Electronic Nose (E-Nose) Consumption Value (2019-2030)

4.3 Europe Electronic Nose (E-Nose) Consumption Value (2019-2030)

4.4 Asia-Pacific Electronic Nose (E-Nose) Consumption Value (2019-2030)

4.5 South America Electronic Nose (E-Nose) Consumption Value (2019-2030)

4.6 Middle East and Africa Electronic Nose (E-Nose) Consumption Value (2019-2030)



## **5 MARKET SEGMENT BY TYPE**

- 5.1 Global Electronic Nose (E-Nose) Sales Quantity by Type (2019-2030)
- 5.2 Global Electronic Nose (E-Nose) Consumption Value by Type (2019-2030)
- 5.3 Global Electronic Nose (E-Nose) Average Price by Type (2019-2030)

## **6 MARKET SEGMENT BY APPLICATION**

- 6.1 Global Electronic Nose (E-Nose) Sales Quantity by Application (2019-2030)
- 6.2 Global Electronic Nose (E-Nose) Consumption Value by Application (2019-2030)
- 6.3 Global Electronic Nose (E-Nose) Average Price by Application (2019-2030)

## **7 NORTH AMERICA**

- 7.1 North America Electronic Nose (E-Nose) Sales Quantity by Type (2019-2030)
- 7.2 North America Electronic Nose (E-Nose) Sales Quantity by Application (2019-2030)
- 7.3 North America Electronic Nose (E-Nose) Market Size by Country
  - 7.3.1 North America Electronic Nose (E-Nose) Sales Quantity by Country (2019-2030)
  - 7.3.2 North America Electronic Nose (E-Nose) Consumption Value by Country (2019-2030)
  - 7.3.3 United States Market Size and Forecast (2019-2030)
  - 7.3.4 Canada Market Size and Forecast (2019-2030)
  - 7.3.5 Mexico Market Size and Forecast (2019-2030)

## **8 EUROPE**

- 8.1 Europe Electronic Nose (E-Nose) Sales Quantity by Type (2019-2030)
- 8.2 Europe Electronic Nose (E-Nose) Sales Quantity by Application (2019-2030)
- 8.3 Europe Electronic Nose (E-Nose) Market Size by Country
  - 8.3.1 Europe Electronic Nose (E-Nose) Sales Quantity by Country (2019-2030)
  - 8.3.2 Europe Electronic Nose (E-Nose) Consumption Value by Country (2019-2030)
  - 8.3.3 Germany Market Size and Forecast (2019-2030)
  - 8.3.4 France Market Size and Forecast (2019-2030)
  - 8.3.5 United Kingdom Market Size and Forecast (2019-2030)
  - 8.3.6 Russia Market Size and Forecast (2019-2030)
  - 8.3.7 Italy Market Size and Forecast (2019-2030)

## **9 ASIA-PACIFIC**

- 9.1 Asia-Pacific Electronic Nose (E-Nose) Sales Quantity by Type (2019-2030)
- 9.2 Asia-Pacific Electronic Nose (E-Nose) Sales Quantity by Application (2019-2030)
- 9.3 Asia-Pacific Electronic Nose (E-Nose) Market Size by Region
  - 9.3.1 Asia-Pacific Electronic Nose (E-Nose) Sales Quantity by Region (2019-2030)
  - 9.3.2 Asia-Pacific Electronic Nose (E-Nose) Consumption Value by Region (2019-2030)
  - 9.3.3 China Market Size and Forecast (2019-2030)
  - 9.3.4 Japan Market Size and Forecast (2019-2030)
  - 9.3.5 Korea Market Size and Forecast (2019-2030)
  - 9.3.6 India Market Size and Forecast (2019-2030)
  - 9.3.7 Southeast Asia Market Size and Forecast (2019-2030)
  - 9.3.8 Australia Market Size and Forecast (2019-2030)

## **10 SOUTH AMERICA**

- 10.1 South America Electronic Nose (E-Nose) Sales Quantity by Type (2019-2030)
- 10.2 South America Electronic Nose (E-Nose) Sales Quantity by Application (2019-2030)
- 10.3 South America Electronic Nose (E-Nose) Market Size by Country
  - 10.3.1 South America Electronic Nose (E-Nose) Sales Quantity by Country (2019-2030)
  - 10.3.2 South America Electronic Nose (E-Nose) Consumption Value by Country (2019-2030)
  - 10.3.3 Brazil Market Size and Forecast (2019-2030)
  - 10.3.4 Argentina Market Size and Forecast (2019-2030)

## **11 MIDDLE EAST & AFRICA**

- 11.1 Middle East & Africa Electronic Nose (E-Nose) Sales Quantity by Type (2019-2030)
- 11.2 Middle East & Africa Electronic Nose (E-Nose) Sales Quantity by Application (2019-2030)
- 11.3 Middle East & Africa Electronic Nose (E-Nose) Market Size by Country
  - 11.3.1 Middle East & Africa Electronic Nose (E-Nose) Sales Quantity by Country (2019-2030)
  - 11.3.2 Middle East & Africa Electronic Nose (E-Nose) Consumption Value by Country (2019-2030)
  - 11.3.3 Turkey Market Size and Forecast (2019-2030)

- 11.3.4 Egypt Market Size and Forecast (2019-2030)
- 11.3.5 Saudi Arabia Market Size and Forecast (2019-2030)
- 11.3.6 South Africa Market Size and Forecast (2019-2030)

## **12 MARKET DYNAMICS**

- 12.1 Electronic Nose (E-Nose) Market Drivers
- 12.2 Electronic Nose (E-Nose) Market Restraints
- 12.3 Electronic Nose (E-Nose) Trends Analysis
- 12.4 Porters Five Forces Analysis
  - 12.4.1 Threat of New Entrants
  - 12.4.2 Bargaining Power of Suppliers
  - 12.4.3 Bargaining Power of Buyers
  - 12.4.4 Threat of Substitutes
  - 12.4.5 Competitive Rivalry

## **13 RAW MATERIAL AND INDUSTRY CHAIN**

- 13.1 Raw Material of Electronic Nose (E-Nose) and Key Manufacturers
- 13.2 Manufacturing Costs Percentage of Electronic Nose (E-Nose)
- 13.3 Electronic Nose (E-Nose) Production Process
- 13.4 Electronic Nose (E-Nose) Industrial Chain

## **14 SHIPMENTS BY DISTRIBUTION CHANNEL**

- 14.1 Sales Channel
  - 14.1.1 Direct to End-User
  - 14.1.2 Distributors
- 14.2 Electronic Nose (E-Nose) Typical Distributors
- 14.3 Electronic Nose (E-Nose) Typical Customers

## **15 RESEARCH FINDINGS AND CONCLUSION**

## **16 APPENDIX**

- 16.1 Methodology
- 16.2 Research Process and Data Source
- 16.3 Disclaimer

## List Of Tables

### LIST OF TABLES

Table 1. Global Electronic Nose (E-Nose) Consumption Value by Type, (USD Million), 2019 & 2023 & 2030

Table 2. Global Electronic Nose (E-Nose) Consumption Value by Application, (USD Million), 2019 & 2023 & 2030

Table 3. Alpha MOS Basic Information, Manufacturing Base and Competitors

Table 4. Alpha MOS Major Business

Table 5. Alpha MOS Electronic Nose (E-Nose) Product and Services

Table 6. Alpha MOS Electronic Nose (E-Nose) Sales Quantity (Units), Average Price (K USD/Unit), Revenue (USD Million), Gross Margin and Market Share (2019-2024)

Table 7. Alpha MOS Recent Developments/Updates

Table 8. Airsense Basic Information, Manufacturing Base and Competitors

Table 9. Airsense Major Business

Table 10. Airsense Electronic Nose (E-Nose) Product and Services

Table 11. Airsense Electronic Nose (E-Nose) Sales Quantity (Units), Average Price (K USD/Unit), Revenue (USD Million), Gross Margin and Market Share (2019-2024)

Table 12. Airsense Recent Developments/Updates

Table 13. The Enose Company Basic Information, Manufacturing Base and Competitors

Table 14. The Enose Company Major Business

Table 15. The Enose Company Electronic Nose (E-Nose) Product and Services

Table 16. The Enose Company Electronic Nose (E-Nose) Sales Quantity (Units), Average Price (K USD/Unit), Revenue (USD Million), Gross Margin and Market Share (2019-2024)

Table 17. The Enose Company Recent Developments/Updates

Table 18. Odotech Basic Information, Manufacturing Base and Competitors

Table 19. Odotech Major Business

Table 20. Odotech Electronic Nose (E-Nose) Product and Services

Table 21. Odotech Electronic Nose (E-Nose) Sales Quantity (Units), Average Price (K USD/Unit), Revenue (USD Million), Gross Margin and Market Share (2019-2024)

Table 22. Odotech Recent Developments/Updates

Table 23. Brechbuehler Basic Information, Manufacturing Base and Competitors

Table 24. Brechbuehler Major Business

Table 25. Brechbuehler Electronic Nose (E-Nose) Product and Services

Table 26. Brechbuehler Electronic Nose (E-Nose) Sales Quantity (Units), Average Price (K USD/Unit), Revenue (USD Million), Gross Margin and Market Share (2019-2024)

Table 27. Brechbuehler Recent Developments/Updates

- Table 28. Sensigent Basic Information, Manufacturing Base and Competitors
- Table 29. Sensigent Major Business
- Table 30. Sensigent Electronic Nose (E-Nose) Product and Services
- Table 31. Sensigent Electronic Nose (E-Nose) Sales Quantity (Units), Average Price (K USD/Unit), Revenue (USD Million), Gross Margin and Market Share (2019-2024)
- Table 32. Sensigent Recent Developments/Updates
- Table 33. Electronic Sensor Technology Basic Information, Manufacturing Base and Competitors
- Table 34. Electronic Sensor Technology Major Business
- Table 35. Electronic Sensor Technology Electronic Nose (E-Nose) Product and Services
- Table 36. Electronic Sensor Technology Electronic Nose (E-Nose) Sales Quantity (Units), Average Price (K USD/Unit), Revenue (USD Million), Gross Margin and Market Share (2019-2024)
- Table 37. Electronic Sensor Technology Recent Developments/Updates
- Table 38. E-Nose Pty Ltd Basic Information, Manufacturing Base and Competitors
- Table 39. E-Nose Pty Ltd Major Business
- Table 40. E-Nose Pty Ltd Electronic Nose (E-Nose) Product and Services
- Table 41. E-Nose Pty Ltd Electronic Nose (E-Nose) Sales Quantity (Units), Average Price (K USD/Unit), Revenue (USD Million), Gross Margin and Market Share (2019-2024)
- Table 42. E-Nose Pty Ltd Recent Developments/Updates
- Table 43. Shanghai Bosin Basic Information, Manufacturing Base and Competitors
- Table 44. Shanghai Bosin Major Business
- Table 45. Shanghai Bosin Electronic Nose (E-Nose) Product and Services
- Table 46. Shanghai Bosin Electronic Nose (E-Nose) Sales Quantity (Units), Average Price (K USD/Unit), Revenue (USD Million), Gross Margin and Market Share (2019-2024)
- Table 47. Shanghai Bosin Recent Developments/Updates
- Table 48. Global Electronic Nose (E-Nose) Sales Quantity by Manufacturer (2019-2024) & (Units)
- Table 49. Global Electronic Nose (E-Nose) Revenue by Manufacturer (2019-2024) & (USD Million)
- Table 50. Global Electronic Nose (E-Nose) Average Price by Manufacturer (2019-2024) & (K USD/Unit)
- Table 51. Market Position of Manufacturers in Electronic Nose (E-Nose), (Tier 1, Tier 2, and Tier 3), Based on Consumption Value in 2023
- Table 52. Head Office and Electronic Nose (E-Nose) Production Site of Key Manufacturer

Table 53. Electronic Nose (E-Nose) Market: Company Product Type Footprint

Table 54. Electronic Nose (E-Nose) Market: Company Product Application Footprint

Table 55. Electronic Nose (E-Nose) New Market Entrants and Barriers to Market Entry

Table 56. Electronic Nose (E-Nose) Mergers, Acquisition, Agreements, and Collaborations

Table 57. Global Electronic Nose (E-Nose) Sales Quantity by Region (2019-2024) & (Units)

Table 58. Global Electronic Nose (E-Nose) Sales Quantity by Region (2025-2030) & (Units)

Table 59. Global Electronic Nose (E-Nose) Consumption Value by Region (2019-2024) & (USD Million)

Table 60. Global Electronic Nose (E-Nose) Consumption Value by Region (2025-2030) & (USD Million)

Table 61. Global Electronic Nose (E-Nose) Average Price by Region (2019-2024) & (K USD/Unit)

Table 62. Global Electronic Nose (E-Nose) Average Price by Region (2025-2030) & (K USD/Unit)

Table 63. Global Electronic Nose (E-Nose) Sales Quantity by Type (2019-2024) & (Units)

Table 64. Global Electronic Nose (E-Nose) Sales Quantity by Type (2025-2030) & (Units)

Table 65. Global Electronic Nose (E-Nose) Consumption Value by Type (2019-2024) & (USD Million)

Table 66. Global Electronic Nose (E-Nose) Consumption Value by Type (2025-2030) & (USD Million)

Table 67. Global Electronic Nose (E-Nose) Average Price by Type (2019-2024) & (K USD/Unit)

Table 68. Global Electronic Nose (E-Nose) Average Price by Type (2025-2030) & (K USD/Unit)

Table 69. Global Electronic Nose (E-Nose) Sales Quantity by Application (2019-2024) & (Units)

Table 70. Global Electronic Nose (E-Nose) Sales Quantity by Application (2025-2030) & (Units)

Table 71. Global Electronic Nose (E-Nose) Consumption Value by Application (2019-2024) & (USD Million)

Table 72. Global Electronic Nose (E-Nose) Consumption Value by Application (2025-2030) & (USD Million)

Table 73. Global Electronic Nose (E-Nose) Average Price by Application (2019-2024) & (K USD/Unit)

Table 74. Global Electronic Nose (E-Nose) Average Price by Application (2025-2030) & (K USD/Unit)

Table 75. North America Electronic Nose (E-Nose) Sales Quantity by Type (2019-2024) & (Units)

Table 76. North America Electronic Nose (E-Nose) Sales Quantity by Type (2025-2030) & (Units)

Table 77. North America Electronic Nose (E-Nose) Sales Quantity by Application (2019-2024) & (Units)

Table 78. North America Electronic Nose (E-Nose) Sales Quantity by Application (2025-2030) & (Units)

Table 79. North America Electronic Nose (E-Nose) Sales Quantity by Country (2019-2024) & (Units)

Table 80. North America Electronic Nose (E-Nose) Sales Quantity by Country (2025-2030) & (Units)

Table 81. North America Electronic Nose (E-Nose) Consumption Value by Country (2019-2024) & (USD Million)

Table 82. North America Electronic Nose (E-Nose) Consumption Value by Country (2025-2030) & (USD Million)

Table 83. Europe Electronic Nose (E-Nose) Sales Quantity by Type (2019-2024) & (Units)

Table 84. Europe Electronic Nose (E-Nose) Sales Quantity by Type (2025-2030) & (Units)

Table 85. Europe Electronic Nose (E-Nose) Sales Quantity by Application (2019-2024) & (Units)

Table 86. Europe Electronic Nose (E-Nose) Sales Quantity by Application (2025-2030) & (Units)

Table 87. Europe Electronic Nose (E-Nose) Sales Quantity by Country (2019-2024) & (Units)

Table 88. Europe Electronic Nose (E-Nose) Sales Quantity by Country (2025-2030) & (Units)

Table 89. Europe Electronic Nose (E-Nose) Consumption Value by Country (2019-2024) & (USD Million)

Table 90. Europe Electronic Nose (E-Nose) Consumption Value by Country (2025-2030) & (USD Million)

Table 91. Asia-Pacific Electronic Nose (E-Nose) Sales Quantity by Type (2019-2024) & (Units)

Table 92. Asia-Pacific Electronic Nose (E-Nose) Sales Quantity by Type (2025-2030) & (Units)

Table 93. Asia-Pacific Electronic Nose (E-Nose) Sales Quantity by Application

(2019-2024) & (Units)

Table 94. Asia-Pacific Electronic Nose (E-Nose) Sales Quantity by Application

(2025-2030) & (Units)

Table 95. Asia-Pacific Electronic Nose (E-Nose) Sales Quantity by Region (2019-2024) & (Units)

Table 96. Asia-Pacific Electronic Nose (E-Nose) Sales Quantity by Region (2025-2030) & (Units)

Table 97. Asia-Pacific Electronic Nose (E-Nose) Consumption Value by Region (2019-2024) & (USD Million)

Table 98. Asia-Pacific Electronic Nose (E-Nose) Consumption Value by Region (2025-2030) & (USD Million)

Table 99. South America Electronic Nose (E-Nose) Sales Quantity by Type (2019-2024) & (Units)

Table 100. South America Electronic Nose (E-Nose) Sales Quantity by Type (2025-2030) & (Units)

Table 101. South America Electronic Nose (E-Nose) Sales Quantity by Application (2019-2024) & (Units)

Table 102. South America Electronic Nose (E-Nose) Sales Quantity by Application (2025-2030) & (Units)

Table 103. South America Electronic Nose (E-Nose) Sales Quantity by Country (2019-2024) & (Units)

Table 104. South America Electronic Nose (E-Nose) Sales Quantity by Country (2025-2030) & (Units)

Table 105. South America Electronic Nose (E-Nose) Consumption Value by Country (2019-2024) & (USD Million)

Table 106. South America Electronic Nose (E-Nose) Consumption Value by Country (2025-2030) & (USD Million)

Table 107. Middle East & Africa Electronic Nose (E-Nose) Sales Quantity by Type (2019-2024) & (Units)

Table 108. Middle East & Africa Electronic Nose (E-Nose) Sales Quantity by Type (2025-2030) & (Units)

Table 109. Middle East & Africa Electronic Nose (E-Nose) Sales Quantity by Application (2019-2024) & (Units)

Table 110. Middle East & Africa Electronic Nose (E-Nose) Sales Quantity by Application (2025-2030) & (Units)

Table 111. Middle East & Africa Electronic Nose (E-Nose) Sales Quantity by Region (2019-2024) & (Units)

Table 112. Middle East & Africa Electronic Nose (E-Nose) Sales Quantity by Region (2025-2030) & (Units)



Table 113. Middle East & Africa Electronic Nose (E-Nose) Consumption Value by Region (2019-2024) & (USD Million)

Table 114. Middle East & Africa Electronic Nose (E-Nose) Consumption Value by Region (2025-2030) & (USD Million)

Table 115. Electronic Nose (E-Nose) Raw Material

Table 116. Key Manufacturers of Electronic Nose (E-Nose) Raw Materials

Table 117. Electronic Nose (E-Nose) Typical Distributors

Table 118. Electronic Nose (E-Nose) Typical Customers

## List Of Figures

### LIST OF FIGURES

Figure 1. Electronic Nose (E-Nose) Picture

Figure 2. Global Electronic Nose (E-Nose) Consumption Value by Type, (USD Million), 2019 & 2023 & 2030

Figure 3. Global Electronic Nose (E-Nose) Consumption Value Market Share by Type in 2023

Figure 4. Benchtop Examples

Figure 5. Portable Examples

Figure 6. Global Electronic Nose (E-Nose) Consumption Value by Application, (USD Million), 2019 & 2023 & 2030

Figure 7. Global Electronic Nose (E-Nose) Consumption Value Market Share by Application in 2023

Figure 8. Scientific Research Institute Examples

Figure 9. Government Examples

Figure 10. Commercial & Industrial Examples

Figure 11. Global Electronic Nose (E-Nose) Consumption Value, (USD Million): 2019 & 2023 & 2030

Figure 12. Global Electronic Nose (E-Nose) Consumption Value and Forecast (2019-2030) & (USD Million)

Figure 13. Global Electronic Nose (E-Nose) Sales Quantity (2019-2030) & (Units)

Figure 14. Global Electronic Nose (E-Nose) Average Price (2019-2030) & (K USD/Unit)

Figure 15. Global Electronic Nose (E-Nose) Sales Quantity Market Share by Manufacturer in 2023

Figure 16. Global Electronic Nose (E-Nose) Consumption Value Market Share by Manufacturer in 2023

Figure 17. Producer Shipments of Electronic Nose (E-Nose) by Manufacturer Sales Quantity (\$MM) and Market Share (%): 2023

Figure 18. Top 3 Electronic Nose (E-Nose) Manufacturer (Consumption Value) Market Share in 2023

Figure 19. Top 6 Electronic Nose (E-Nose) Manufacturer (Consumption Value) Market Share in 2023

Figure 20. Global Electronic Nose (E-Nose) Sales Quantity Market Share by Region (2019-2030)

Figure 21. Global Electronic Nose (E-Nose) Consumption Value Market Share by Region (2019-2030)

Figure 22. North America Electronic Nose (E-Nose) Consumption Value (2019-2030) &

(USD Million)

Figure 23. Europe Electronic Nose (E-Nose) Consumption Value (2019-2030) & (USD Million)

Figure 24. Asia-Pacific Electronic Nose (E-Nose) Consumption Value (2019-2030) & (USD Million)

Figure 25. South America Electronic Nose (E-Nose) Consumption Value (2019-2030) & (USD Million)

Figure 26. Middle East & Africa Electronic Nose (E-Nose) Consumption Value (2019-2030) & (USD Million)

Figure 27. Global Electronic Nose (E-Nose) Sales Quantity Market Share by Type (2019-2030)

Figure 28. Global Electronic Nose (E-Nose) Consumption Value Market Share by Type (2019-2030)

Figure 29. Global Electronic Nose (E-Nose) Average Price by Type (2019-2030) & (K USD/Unit)

Figure 30. Global Electronic Nose (E-Nose) Sales Quantity Market Share by Application (2019-2030)

Figure 31. Global Electronic Nose (E-Nose) Consumption Value Market Share by Application (2019-2030)

Figure 32. Global Electronic Nose (E-Nose) Average Price by Application (2019-2030) & (K USD/Unit)

Figure 33. North America Electronic Nose (E-Nose) Sales Quantity Market Share by Type (2019-2030)

Figure 34. North America Electronic Nose (E-Nose) Sales Quantity Market Share by Application (2019-2030)

Figure 35. North America Electronic Nose (E-Nose) Sales Quantity Market Share by Country (2019-2030)

Figure 36. North America Electronic Nose (E-Nose) Consumption Value Market Share by Country (2019-2030)

Figure 37. United States Electronic Nose (E-Nose) Consumption Value and Growth Rate (2019-2030) & (USD Million)

Figure 38. Canada Electronic Nose (E-Nose) Consumption Value and Growth Rate (2019-2030) & (USD Million)

Figure 39. Mexico Electronic Nose (E-Nose) Consumption Value and Growth Rate (2019-2030) & (USD Million)

Figure 40. Europe Electronic Nose (E-Nose) Sales Quantity Market Share by Type (2019-2030)

Figure 41. Europe Electronic Nose (E-Nose) Sales Quantity Market Share by Application (2019-2030)

Figure 42. Europe Electronic Nose (E-Nose) Sales Quantity Market Share by Country (2019-2030)

Figure 43. Europe Electronic Nose (E-Nose) Consumption Value Market Share by Country (2019-2030)

Figure 44. Germany Electronic Nose (E-Nose) Consumption Value and Growth Rate (2019-2030) & (USD Million)

Figure 45. France Electronic Nose (E-Nose) Consumption Value and Growth Rate (2019-2030) & (USD Million)

Figure 46. United Kingdom Electronic Nose (E-Nose) Consumption Value and Growth Rate (2019-2030) & (USD Million)

Figure 47. Russia Electronic Nose (E-Nose) Consumption Value and Growth Rate (2019-2030) & (USD Million)

Figure 48. Italy Electronic Nose (E-Nose) Consumption Value and Growth Rate (2019-2030) & (USD Million)

Figure 49. Asia-Pacific Electronic Nose (E-Nose) Sales Quantity Market Share by Type (2019-2030)

Figure 50. Asia-Pacific Electronic Nose (E-Nose) Sales Quantity Market Share by Application (2019-2030)

Figure 51. Asia-Pacific Electronic Nose (E-Nose) Sales Quantity Market Share by Region (2019-2030)

Figure 52. Asia-Pacific Electronic Nose (E-Nose) Consumption Value Market Share by Region (2019-2030)

Figure 53. China Electronic Nose (E-Nose) Consumption Value and Growth Rate (2019-2030) & (USD Million)

Figure 54. Japan Electronic Nose (E-Nose) Consumption Value and Growth Rate (2019-2030) & (USD Million)

Figure 55. Korea Electronic Nose (E-Nose) Consumption Value and Growth Rate (2019-2030) & (USD Million)

Figure 56. India Electronic Nose (E-Nose) Consumption Value and Growth Rate (2019-2030) & (USD Million)

Figure 57. Southeast Asia Electronic Nose (E-Nose) Consumption Value and Growth Rate (2019-2030) & (USD Million)

Figure 58. Australia Electronic Nose (E-Nose) Consumption Value and Growth Rate (2019-2030) & (USD Million)

Figure 59. South America Electronic Nose (E-Nose) Sales Quantity Market Share by Type (2019-2030)

Figure 60. South America Electronic Nose (E-Nose) Sales Quantity Market Share by Application (2019-2030)

Figure 61. South America Electronic Nose (E-Nose) Sales Quantity Market Share by

Country (2019-2030)

Figure 62. South America Electronic Nose (E-Nose) Consumption Value Market Share by Country (2019-2030)

Figure 63. Brazil Electronic Nose (E-Nose) Consumption Value and Growth Rate (2019-2030) & (USD Million)

Figure 64. Argentina Electronic Nose (E-Nose) Consumption Value and Growth Rate (2019-2030) & (USD Million)

Figure 65. Middle East & Africa Electronic Nose (E-Nose) Sales Quantity Market Share by Type (2019-2030)

Figure 66. Middle East & Africa Electronic Nose (E-Nose) Sales Quantity Market Share by Application (2019-2030)

Figure 67. Middle East & Africa Electronic Nose (E-Nose) Sales Quantity Market Share by Region (2019-2030)

Figure 68. Middle East & Africa Electronic Nose (E-Nose) Consumption Value Market Share by Region (2019-2030)

Figure 69. Turkey Electronic Nose (E-Nose) Consumption Value and Growth Rate (2019-2030) & (USD Million)

Figure 70. Egypt Electronic Nose (E-Nose) Consumption Value and Growth Rate (2019-2030) & (USD Million)

Figure 71. Saudi Arabia Electronic Nose (E-Nose) Consumption Value and Growth Rate (2019-2030) & (USD Million)

Figure 72. South Africa Electronic Nose (E-Nose) Consumption Value and Growth Rate (2019-2030) & (USD Million)

Figure 73. Electronic Nose (E-Nose) Market Drivers

Figure 74. Electronic Nose (E-Nose) Market Restraints

Figure 75. Electronic Nose (E-Nose) Market Trends

Figure 76. Porters Five Forces Analysis

Figure 77. Manufacturing Cost Structure Analysis of Electronic Nose (E-Nose) in 2023

Figure 78. Manufacturing Process Analysis of Electronic Nose (E-Nose)

Figure 79. Electronic Nose (E-Nose) Industrial Chain

Figure 80. Sales Quantity Channel: Direct to End-User vs Distributors

Figure 81. Direct Channel Pros & Cons

Figure 82. Indirect Channel Pros & Cons

Figure 83. Methodology

Figure 84. Research Process and Data Source

## I would like to order

Product name: Global Electronic Nose (E-Nose) Market 2024 by Manufacturers, Regions, Type and Application, Forecast to 2030

Product link: <https://marketpublishers.com/r/G4C1F6963EC7EN.html>

Price: US\$ 3,480.00 (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/G4C1F6963EC7EN.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

