

Global e-Nose Market 2024 by Manufacturers, Regions, Type and Application, Forecast to 2030

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Abstracts

According to our (Global Info Research) latest study, the global e-Nose market size was valued at USD 35 million in 2023 and is forecast to a readjusted size of USD 47 million by 2030 with a CAGR of 4.0% during review period.

An Electronic Nose is used to detect specific flavours and odour.

Factors motivating the growth of this market are, increasing use of e-nose in food and beverage industry which helps in improving the quality of eatable products.

The Global Info Research report includes an overview of the development of the e-Nose industry chain, the market status of Marketing (QMB/SAW, Conducting Polymers), Food & Beverage (QMB/SAW, Conducting Polymers), and key enterprises in developed and developing market, and analysed the cutting-edge technology, patent, hot applications and market trends of e-Nose.

Regionally, the report analyzes the 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 e-Nose market, with robust domestic demand, supportive policies, and a strong manufacturing base.

Key Features:

The report presents comprehensive understanding of the 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 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 (K Units), revenue generated, and market share of different by Type (e.g., QMB/SAW, Conducting Polymers).

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 e-Nose market.

Regional Analysis: The report involves examining the 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 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 e-Nose:

Company Analysis: Report covers individual 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 e-Nose This may involve surveys, interviews, and analysis of consumer reviews and feedback from different by Application (Marketing, Food & Beverage).

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

Competitive Landscape: By analyzing individual companies, suppliers, and consumers, the report present insights into the competitive landscape of the 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

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

QMB/SAW

Conducting Polymers

Metal-Oxide Sensors

Others

Market segment by Application

Marketing

Food & Beverage

Entertainment

Education

Healthcare

Communication

Military & Defense

Others

Major players covered

Airsense

Alpha Mos

Aryballe Technologies

Enose

Foodsniffer

Intelesens

Mydx

Odotech

Olfaguard

Roboscientific

Sensing Dynamics

Sensigent

Shenzhen Beautymate Technology

Stratuscent

Tellspec

Vaporsens

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 e-Nose product scope, market overview, market estimation caveats and base year.

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

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

Chapter 4, the 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 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 e-Nose.

Chapter 14 and 15, to describe e-Nose sales channel, distributors, customers, research findings and conclusion.

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