

# Portable Electronic Nose Device Market, Global Outlook and Forecast 2022-2028

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## Abstracts

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. Portable electronic nose devices are more compact and lighter than desktop electronic noses.

This report contains market size and forecasts of Portable Electronic Nose Device in global, including the following market information:

Global Portable Electronic Nose Device Market Revenue, 2017-2022, 2023-2028, (\$ millions)

Global Portable Electronic Nose Device Market Sales, 2017-2022, 2023-2028, (K Units)

Global top five Portable Electronic Nose Device companies in 2021 (%)

The global Portable Electronic Nose Device market was valued at million in 2021 and is projected to reach US\$ million by 2028, at a CAGR of % during the forecast period 2022-2028.

The U.S. Market is Estimated at \$ Million in 2021, While China is Forecast to Reach \$ Million by 2028.

Metal Oxide Type Segment to Reach \$ Million by 2028, with a % CAGR in next six years.

The global key manufacturers of Portable Electronic Nose Device include Alpha MOS, Airsense, Odotech, Electronic Sensor Technology, Brechbuehler, Sensigent, The Enose Company and E-Nose Pty Ltd, etc. In 2021, the global top five players have a share approximately % in terms of revenue.

MARKET MONITOR GLOBAL, INC (MMG) has surveyed the Portable Electronic Nose Device manufacturers, suppliers, distributors and industry experts on this industry, involving the sales, revenue, demand, price change, product type, recent development and plan, industry trends, drivers, challenges, obstacles, and potential risks.

Total Market by Segment:

Global Portable Electronic Nose Device Market, by Type, 2017-2022, 2023-2028 (\$ Millions) & (K Units)

Global Portable Electronic Nose Device Market Segment Percentages, by Type, 2021 (%)

Metal Oxide Type

Electrochemical Type

Conductive Polymer Type

Photoionizing Type

Others

Global Portable Electronic Nose Device Market, by Application, 2017-2022, 2023-2028 (\$ Millions) & (K Units)

Global Portable Electronic Nose Device Market Segment Percentages, by Application, 2021 (%)

Medical Diagnosis and Health Monitoring

Environmental Monitoring

Food Industry

Explosive Detection

Others

Global Portable Electronic Nose Device Market, By Region and Country, 2017-2022,  
2023-2028 (\$ Millions) & (K Units)

Global Portable Electronic Nose Device Market Segment Percentages, By Region and  
Country, 2021 (%)

North America

US

Canada

Mexico

Europe

Germany

France

U.K.

Italy

Russia

Nordic Countries

Benelux

Rest of Europe

## Asia

China

Japan

South Korea

Southeast Asia

India

Rest of Asia

## South America

Brazil

Argentina

Rest of South America

## Middle East & Africa

Turkey

Israel

Saudi Arabia

UAE

Rest of Middle East & Africa

## Competitor Analysis

The report also provides analysis of leading market participants including:

Key companies Portable Electronic Nose Device revenues in global market, 2017-2022 (Estimated), (\$ millions)

Key companies Portable Electronic Nose Device revenues share in global market, 2021 (%)

Key companies Portable Electronic Nose Device sales in global market, 2017-2022 (Estimated), (K Units)

Key companies Portable Electronic Nose Device sales share in global market, 2021 (%)

Further, the report presents profiles of competitors in the market, key players include:

Alpha MOS

Airsense

Odotech

Electronic Sensor Technology

Brechbuehler

Sensigent

The Enose Company

E-Nose Pty Ltd

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