

North America Electronic Nose Market by Manufacturers, Countries, Type and Application, Forecast to 2022

<https://marketpublishers.com/r/NCDE00D7619EN.html>

Date: April 2017

Pages: 121

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

ID: NCDE00D7619EN

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.

Scope of the Report:

This report focuses on the Electronic Nose in North America market, especially in United States, Canada and Mexico. This report categorizes the market based on manufacturers, countries, type and application.

Market Segment by Manufacturers, this report covers

Alpha MOS

Airsense

Odotech

Sensigent

Electronic Sensor Technology

Brechbuehler

Scensive Technology

The Enose Company

Market Segment by Countries, covering

United States

Canada

Mexico

Market Segment by Type, covers

MOS

CP

QCM

Others

Market Segment by Applications, can be divided into

Process and production departments

Environmental monitoring

Health and security

Others

There are 15 Chapters to deeply display the North America Electronic Nose market.

Chapter 1, to describe Electronic Nose Introduction, product type and application,

market overview, market analysis by countries, market opportunities, market risk, market driving force;

Chapter 2, to analyze the manufacturers of Electronic Nose, with profile, main business, news, sales, price, revenue and market share in 2016 and 2017;

Chapter 3, to display the competitive situation among the top manufacturers, with profile, main business, news, sales, price, revenue and market share in 2016 and 2017;

Chapter 4, to show the North America market by countries, covering United States, Canada and Mexico, with sales, revenue and market share of Electronic Nose, for each country, from 2012 to 2017;

Chapter 5 and 6, to show the market by type and application, with sales, price, revenue, market share and growth rate by type, application, from 2012 to 2017;

Chapter 7, 8 and 9, to analyze the segment market in United States, Canada and Mexico, by manufacturers, type and application, with sales, price, revenue and market share by manufacturers, types and applications;

Chapter 10, Electronic Nose market forecast, by countries, type and application, with sales, price and revenue, from 2017 to 2022;

Chapter 11, to analyze the manufacturing cost, key raw materials and manufacturing process etc.

Chapter 12, to analyze the industrial chain, sourcing strategy and downstream end users (buyers);

Chapter 13, to describe sales channel, distributors, traders, dealers etc.

Chapter 14 and 15, to describe Electronic Nose Research Findings and Conclusion, Appendix, methodology and data source

Contents

1 MARKET OVERVIEW

- 1.1 Electronic Nose Introduction
- 1.2 Market Analysis by Type
 - 1.2.1 MOS
 - 1.2.2 CP
 - 1.2.3 QCM
 - 1.2.4 Others
- 1.3 Market Analysis by Applications
 - 1.3.1 Process and production departments
 - 1.3.2 Environmental monitoring
 - 1.3.3 Health and security
 - 1.3.4 Others
- 1.4 Market Analysis by Countries
 - 1.4.1 United States Status and Prospect (2012-2022)
 - 1.4.2 Mexico Status and Prospect (2012-2022)
 - 1.4.3 Canada Status and Prospect (2012-2022)
- 1.5 Market Dynamics
 - 1.5.1 Market Opportunities
 - 1.5.2 Market Risk
 - 1.5.3 Market Driving Force

2 MANUFACTURERS PROFILES

- 2.1 Alpha MOS
 - 2.1.1 Profile
 - 2.1.2 Electronic Nose Type and Applications
 - 2.1.2.1 Type
 - 2.1.2.2 Type
 - 2.1.3 Alpha MOS Electronic Nose Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)
 - 2.1.4 Business Overview
 - 2.1.5 Alpha MOS News
- 2.2 Airsense
 - 2.2.1 Profile
 - 2.2.2 Electronic Nose Type and Applications
 - 2.2.2.1 Type

- 2.2.2.2 Type
- 2.2.3 Aisense Electronic Nose Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)
- 2.2.4 Business Overview
- 2.2.5 Aisense News
- 2.3 Odotech
 - 2.3.1 Profile
 - 2.3.2 Electronic Nose Type and Applications
 - 2.3.2.1 Type
 - 2.3.2.2 Type
 - 2.3.3 Odotech Electronic Nose Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)
 - 2.3.4 Business Overview
 - 2.3.5 Odotech News
- 2.4 Sensigent
 - 2.4.1 Profile
 - 2.4.2 Electronic Nose Type and Applications
 - 2.4.2.1 Type
 - 2.4.2.2 Type
 - 2.4.3 Sensigent Electronic Nose Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)
 - 2.4.4 Business Overview
 - 2.4.5 Sensigent News
- 2.5 Electronic Sensor Technology
 - 2.5.1 Profile
 - 2.5.2 Electronic Nose Type and Applications
 - 2.5.2.1 Type
 - 2.5.2.2 Type
 - 2.5.3 Electronic Sensor Technology Electronic Nose Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)
 - 2.5.4 Business Overview
 - 2.5.5 Electronic Sensor Technology News
- 2.6 Brechbuehler
 - 2.6.1 Profile
 - 2.6.2 Electronic Nose Type and Applications
 - 2.6.2.1 Type
 - 2.6.2.2 Type
 - 2.6.3 Brechbuehler Electronic Nose Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)

- 2.6.4 Business Overview
- 2.6.5 Brechbuehler News
- 2.7 Scensive Technology
 - 2.7.1 Profile
 - 2.7.2 Electronic Nose Type and Applications
 - 2.7.2.1 Type
 - 2.7.2.2 Type
 - 2.7.3 Scensive Technology Electronic Nose Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)
 - 2.7.4 Business Overview
 - 2.7.5 Scensive Technology News
- 2.8 The Enose Company
 - 2.8.1 Profile
 - 2.8.2 Electronic Nose Type and Applications
 - 2.8.2.1 Type
 - 2.8.2.2 Type
 - 2.8.3 The Enose Company Electronic Nose Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)
 - 2.8.4 Business Overview
 - 2.8.5 The Enose Company News

3 NORTH AMERICA ELECTRONIC NOSE MARKET COMPETITION, BY MANUFACTURER

- 3.1 North America Electronic Nose Sales and Market Share by Manufacturer (2016-2017)
- 3.2 North America Electronic Nose Revenue and Market Share by Manufacturer (2016-2017)
- 3.3 North America Electronic Nose Price by Manufacturers (2016-2017)
- 3.4 Market Concentration Rate
 - 3.4.1 Top 3 Electronic Nose Manufacturer Market Share
 - 3.4.2 Top 5 Electronic Nose Manufacturer Market Share
- 3.5 Market Competition Trend

4 NORTH AMERICA ELECTRONIC NOSE MARKET ANALYSIS BY COUNTRIES

- 4.1 North America Electronic Nose Sales Market Share by Countries
- 4.2 North America Electronic Nose Sales by Countries (2012-2017)
- 4.3 North America Electronic Nose Revenue (Value) by Countries (2012-2017)

5 NORTH AMERICA MARKET SEGMENTATION ELECTRONIC NOSE BY TYPE

5.1 North America Electronic Nose Sales, Revenue and Market Share by Type (2012-2017)

5.1.1 North America Electronic Nose Sales and Market Share by Type (2012-2017)

5.1.2 North America Electronic Nose Revenue and Market Share by Type (2012-2017)

5.2 MOS Sales Growth and Price

5.2.1 North America MOS Sales Growth (2012-2017)

5.2.2 North America MOS Price (2012-2017)

5.3 CP Sales Growth and Price

5.3.1 North America CP Sales Growth (2012-2017)

5.3.2 North America CP Price (2012-2017)

5.4 QCM Sales Growth and Price

5.4.1 North America QCM Sales Growth (2012-2017)

5.4.2 North America QCM Price (2012-2017)

5.5 Others Sales Growth and Price

5.5.1 North America Others Sales Growth (2012-2017)

5.5.2 North America Others Price (2012-2017)

6 NORTH AMERICA MARKET SEGMENTATION ELECTRONIC NOSE BY APPLICATION

6.1 North America Electronic Nose Sales Market Share by Application (2012-2017)

6.2 Process and production departments Sales Growth (2012-2017)

6.3 Environmental monitoring Sales Growth (2012-2017)

6.4 Health and security Sales Growth (2012-2017)

6.5 Others Sales Growth (2012-2017)

7 UNITED STATES ELECTRONIC NOSE SALES, REVENUE, BY TYPE, APPLICATION AND MANUFACTURERS

7.1 United States Electronic Nose Revenue, Sales and Growth Rate (2012-2017)

7.2 United States Electronic Nose Sales and Market Share by Type

7.3 United States Electronic Nose Sales by Application (2012-2017)

7.4 United States Electronic Nose Sales, Revenue and Market Share by Manufacturer

7.4.1 United States Electronic Nose Sales and Market Share by Manufacturer

7.4.2 United States Electronic Nose Revenue and Market Share by Manufacturer

7.5 United States Electronic Nose Export and Import (2012-2017)

8 CANADA ELECTRONIC NOSE SALES, REVENUE, BY TYPE, APPLICATION AND MANUFACTURERS

- 8.1 Canada Electronic Nose Revenue, Sales and Growth Rate (2012-2017)
- 8.2 Canada Electronic Nose Sales and Market Share by Type
- 8.3 Canada Electronic Nose Sales by Application (2012-2017)
- 8.4 Canada Electronic Nose Sales, Revenue and Market Share by Manufacturer
 - 8.4.1 Canada Electronic Nose Sales and Market Share by Manufacturer
 - 8.4.2 Canada Electronic Nose Revenue and Market Share by Manufacturer
- 8.5 Canada Electronic Nose Export and Import (2012-2017)

9 MEXICO ELECTRONIC NOSE SALES, REVENUE, BY TYPE, APPLICATION AND MANUFACTURERS

- 9.1 Mexico Electronic Nose Revenue, Sales and Growth Rate (2012-2017)
- 9.2 Mexico Electronic Nose Sales and Market Share by Type
- 9.3 Mexico Electronic Nose Sales by Application (2012-2017)
- 9.4 Mexico Electronic Nose Sales, Revenue and Market Share by Manufacturer
 - 9.4.1 Mexico Electronic Nose Sales and Market Share by Manufacturer
 - 9.4.2 Mexico Electronic Nose Revenue and Market Share by Manufacturer
- 9.5 Mexico Electronic Nose Export and Import (2012-2017)

10 ELECTRONIC NOSE MARKET FORECAST (2017-2022)

- 10.1 North America Electronic Nose Sales, Revenue and Growth Rate (2017-2022)
- 10.2 Electronic Nose Market Forecast by Countries (2017-2022)
 - 10.2.1 United States Electronic Nose Forecast (2017-2022)
 - 10.2.2 Canada Electronic Nose Forecast (2017-2022)
 - 10.2.3 Mexico Electronic Nose Forecast (2017-2022)
- 10.3 Electronic Nose Market Forecast by Type (2017-2022)
- 10.4 Electronic Nose Market Forecast by Application (2017-2022)

11 ELECTRONIC NOSE MANUFACTURING COST ANALYSIS

- 11.1 Electronic Nose Key Raw Materials Analysis
 - 11.1.1 Key Raw Materials
 - 11.1.2 Price Trend of Key Raw Materials
 - 11.1.3 Key Suppliers of Raw Materials

- 11.1.4 Market Concentration Rate of Raw Materials
- 11.2 Proportion of Manufacturing Cost Structure
 - 11.2.1 Raw Materials
 - 11.2.2 Labor Cost
 - 11.2.3 Manufacturing Expenses
- 11.3 Manufacturing Process Analysis of Electronic Nose

12 INDUSTRIAL CHAIN, SOURCING STRATEGY AND DOWNSTREAM BUYERS

- 12.1 Electronic Nose Industrial Chain Analysis
- 12.2 Upstream Raw Materials Sourcing
- 12.3 Raw Materials Sources of Electronic Nose Major Manufacturers in 2016
- 12.4 Downstream Buyers

13 SALES CHANNEL, DISTRIBUTORS, TRADERS AND DEALERS

- 13.1 Sales Channel
 - 13.1.1 Direct Marketing
 - 13.1.2 Indirect Marketing
 - 13.1.3 Marketing Channel Future Trend
- 13.2 Distributors, Traders and Dealers

14 RESEARCH FINDINGS AND CONCLUSION

15 APPENDIX

- 15.1 Methodology
- 15.2 Analyst Introduction
- 15.3 Data Source

List Of Tables

LIST OF TABLES AND FIGURES

Figure Electronic Nose Picture

Table Product Specifications of Electronic Nose

Figure North America Sales Market Share of Electronic Nose by Types in 2016

Table Types of Electronic Nose

Figure MOS Picture

Table Major Manufacturers of MOS

Figure CP Picture

Table Major Manufacturers of CP

Figure QCM Picture

Table Major Manufacturers of QCM

Figure Others Picture

Table Major Manufacturers of Others

Table North America Electronic Nose Sales Market Share by Applications in 2016

Table Applications of Electronic Nose

Figure Process and production departments Picture

Figure Environmental monitoring Picture

Figure Health and security Picture

Figure Others Picture

Figure United States Electronic Nose Revenue (Million USD) and Growth Rate (2012-2022)

Figure Mexico Electronic Nose Revenue (Million USD) and Growth Rate (2012-2022)

Figure Canada Electronic Nose Revenue (Million USD) and Growth Rate (2012-2022)

Table Alpha MOS Basic Information, Manufacturing Base and Competitors

Table Alpha MOS Electronic Nose Type and Applications

Table Alpha MOS Electronic Nose Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)

Table Airsense Basic Information, Manufacturing Base and Competitors

Table Airsense Electronic Nose Type and Applications

Table Airsense Electronic Nose Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)

Table Odotech Basic Information, Manufacturing Base and Competitors

Table Odotech Electronic Nose Type and Applications

Table Odotech Electronic Nose Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)

Table Sensigent Basic Information, Manufacturing Base and Competitors

Table Sensigent Electronic Nose Type and Applications

Table Sensigent Electronic Nose Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)

Table Electronic Sensor Technology Basic Information, Manufacturing Base and Competitors

Table Electronic Sensor Technology Electronic Nose Type and Applications

Table Electronic Sensor Technology Electronic Nose Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)

Table Brechbuehler Basic Information, Manufacturing Base and Competitors

Table Brechbuehler Electronic Nose Type and Applications

Table Brechbuehler Electronic Nose Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)

Table Scensive Technology Basic Information, Manufacturing Base and Competitors

Table Scensive Technology Electronic Nose Type and Applications

Table Scensive Technology Electronic Nose Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)

Table The Enose Company Basic Information, Manufacturing Base and Competitors

Table The Enose Company Electronic Nose Type and Applications

Table The Enose Company Electronic Nose Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)

Table North America Electronic Nose Sales by Manufacturer (2016-2017)

Figure North America Electronic Nose Sales Market Share by Manufacturer in 2016

Figure North America Electronic Nose Sales Market Share by Manufacturer in 2017

Table North America Electronic Nose Revenue by Manufacturer (2016-2017)

Figure North America Electronic Nose Revenue Market Share by Manufacturer in 2016

Figure North America Electronic Nose Revenue Market Share by Manufacturer in 2017

Table North America Electronic Nose Price by Manufacturers (2016-2017)

Figure Top 3 Electronic Nose Manufacturer Market Share in 2016

Figure Top 3 Electronic Nose Manufacturer Market Share in 2017

Figure Top 5 Electronic Nose Manufacturer Market Share in 2016

Figure Top 5 Electronic Nose Manufacturer Market Share in 2017

Figure North America Electronic Nose Sales and Growth (2012-2017)

Table North America Electronic Nose Sales by Countries (2012-2017)

Table North America Electronic Nose Sales Market Share by Countries (2012-2017)

Figure North America 2012 Electronic Nose Sales Market Share by Countries

Figure North America 2016 Electronic Nose Sales Market Share by Countries

Figure North America Electronic Nose Revenue and Growth (2012-2017)

Table North America Electronic Nose Revenue by Countries (2012-2017)

Table North America Electronic Nose Revenue Market Share by Countries (2012-2017)

Table North America 2012 Electronic Nose Revenue Market Share by Countries
Table North America 2016 Electronic Nose Revenue Market Share by Countries
Table North America Electronic Nose Sales by Type (2012-2017)
Table North America Electronic Nose Sales Share by Type (2012-2017)
Table North America Electronic Nose Revenue by Type (2012-2017)
Table North America Electronic Nose Revenue Share by Type (2012-2017)
Figure North America MOS Sales Growth (2012-2017)
Figure North America MOS Price (2012-2017)
Figure North America CP Sales Growth (2012-2017)
Figure North America CP Price (2012-2017)
Figure North America QCM Sales Growth (2012-2017)
Figure North America QCM Price (2012-2017)
Figure North America Others Sales Growth (2012-2017)
Figure North America Others Price (2012-2017)
Table North America Electronic Nose Sales by Application (2012-2017)
Table North America Electronic Nose Sales Share by Application (2012-2017)
Figure North America Process and production departments Sales Growth (2012-2017)
Figure North America Environmental monitoring Sales Growth (2012-2017)
Figure North America Health and security Sales Growth (2012-2017)
Figure North America Others Sales Growth (2012-2017)
Figure United States Electronic Nose Revenue and Growth (2012-2017)
Figure United States Electronic Nose Sales and Growth (2012-2017)
Table United States Electronic Nose Sales by Type (2012-2017)
Table United States Electronic Nose Sales Market Share by Type (2012-2017)
Table United States Electronic Nose Sales by Application (2012-2017)
Table United States Electronic Nose Sales Market Share by Application (2012-2017)
Table United States Electronic Nose Sales by Manufacturer (2016-2017)
Figure United States Electronic Nose Sales Market Share by Manufacturer in 2016
Figure United States Electronic Nose Sales Market Share by Manufacturer in 2017
Table United States Electronic Nose Revenue by Manufacturer (2016-2017)
Figure United States Electronic Nose Revenue Market Share by Manufacturer in 2016
Figure United States Electronic Nose Revenue Market Share by Manufacturer in 2017
Table United States Electronic Nose Export and Import (2012-2017)
Figure Canada Electronic Nose Revenue and Growth (2012-2017)
Figure Canada Electronic Nose Sales and Growth (2012-2017)
Table Canada Electronic Nose Sales by Type (2012-2017)
Table Canada Electronic Nose Sales Market Share by Type (2012-2017)
Table Canada Electronic Nose Sales by Application (2012-2017)
Table Canada Electronic Nose Sales Market Share by Application (2012-2017)

Table Canada Electronic Nose Sales by Manufacturer (2016-2017)
Figure Canada Electronic Nose Sales Market Share by Manufacturer in 2016
Figure Canada Electronic Nose Sales Market Share by Manufacturer in 2017
Table Canada Electronic Nose Revenue by Manufacturer (2016-2017)
Figure Canada Electronic Nose Revenue Market Share by Manufacturer in 2016
Figure Canada Electronic Nose Revenue Market Share by Manufacturer in 2017
Table Canada Electronic Nose Export and Import (2012-2017)
Figure Mexico Electronic Nose Revenue and Growth (2012-2017)
Figure Mexico Electronic Nose Sales and Growth (2012-2017)
Table Mexico Electronic Nose Sales by Type (2012-2017)
Table Mexico Electronic Nose Sales Market Share by Type (2012-2017)
Table Mexico Electronic Nose Sales by Application (2012-2017)
Table Mexico Electronic Nose Sales Market Share by Application (2012-2017)
Table Mexico Electronic Nose Sales by Manufacturer (2016-2017)
Figure Mexico Electronic Nose Sales Market Share by Manufacturer in 2016
Figure Mexico Electronic Nose Sales Market Share by Manufacturer in 2017
Table Mexico Electronic Nose Revenue by Manufacturer (2016-2017)
Figure Mexico Electronic Nose Revenue Market Share by Manufacturer in 2016
Figure Mexico Electronic Nose Revenue Market Share by Manufacturer in 2017
Table Mexico Electronic Nose Export and Import (2012-2017)
Figure North America Electronic Nose Sales, Revenue and Growth Rate (2017-2022)
Table North America Electronic Nose Sales Forecast by Countries (2017-2022)
Table North America Electronic Nose Market Share Forecast by Countries (2017-2022)
Figure United States Electronic Nose Sales Forecast (2017-2022)
Figure Canada Electronic Nose Sales Forecast (2017-2022)
Figure Mexico Electronic Nose Sales Forecast (2017-2022)
Table North America Electronic Nose Sales Forecast by Type (2017-2022)
Table North America Electronic Nose Market Share Forecast by Type (2017-2022)
Table North America Electronic Nose Sales Forecast by Application (2017-2022)
Table North America Electronic Nose Market Share Forecast by Application (2017-2022)
Table Sales Base and Market Concentration Rate of Raw Material
Figure Price Trend of Key Raw Materials
Table Key Suppliers of Raw Materials
Figure Manufacturing Cost Structure of Electronic Nose
Figure Manufacturing Process Analysis of Electronic Nose
Figure Electronic Nose Industrial Chain Analysis
Table Raw Materials Sources of Electronic Nose Major Manufacturers in 2016
Table Major Buyers of Electronic Nose

Table Distributors/Traders/ Dealers List

I would like to order

Product name: North America Electronic Nose Market by Manufacturers, Countries, Type and Application, Forecast to 2022

Product link: <https://marketpublishers.com/r/NCDE00D7619EN.html>

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

If you want to order Corporate License or Hard Copy, please, contact our Customer Service:

info@marketpublishers.com

Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <https://marketpublishers.com/r/NCDE00D7619EN.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

