

# Digital Scent Technology - Global Market Outlook (2020-2028)

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## Abstracts

According to Statistics MRC, the Global Digital Scent Technology Market is accounted for \$0.91 billion in 2020 and is expected to reach \$2.14 billion by 2028 growing at a CAGR of 11.3% during the forecast period. The growing application and advancements in e-nose technologies and increasing use of e-nose devices for disease diagnostic applications are driving the market growth. However, the high cost of digital scent technology is hampering the growth of the market.

The digital scent technology uses hardware equipment such as scent synthesizer and e-nose to sense and create several kinds of smells. The e-nose is an assortment of gas sensors such as metal oxide semiconductor field-effect transistor (MOSFET) sensors, optical fiber sensors, polymer sensors, and piezoelectric sensors, and E-noses are widely utilized by end-users such as military & defence, food & beverage, and healthcare. Scent synthesizers use a cartridge to create smells.

Based on the hardware device, the electronic nose segment is going to have lucrative growth during the forecast period. Non-stop technological expansions and the decreasing cost of e-nose are the foremost factors that would drive the growth of e-nose during the forecast period. In February 2020, a team of researchers from Australia developed an inexpensive, portable e-nose that used machine learning to rapidly assess beer quality based on its aroma. The e-nose was designed to look like a small microchip and gave results with 97% correctness.

By geography, North America is going to have high growth during the forecast period, due to the presence of various key players in the region. The major factors which are driving the growth of the market are increasing acceptance of improved digital services by customers, use of biosensors for initial detection of diseases, strict regulatory

environment with regards to indoor air quality in the US, and important e-nose expansions concerning applications in the medical and agriculture industries.

Some of the key players profiled in the Digital Scent Technology Market include Airsense Analytics Gmbh, Alpha Mos Sa, Ams Ag, Aromajoin Corporation, Aryballe, Electronic Sensor Technology Odotech Inc, Owlstone, Plasmion Gmbh, Scent Sciences Corporation, Scentsational Technologies, Sensigent, Smiths Detection Inc, Stratuscent Inc and Voler Systems.

#### Types Covered:

Rotary Die Cutting Machine

Platen Die Cutting Machine

#### Hardware Devices Covered:

Cartridge

Electronic Nose

Scent Synthesizer

Scentograph

#### Sensor Types Covered:

Mosfet Sensor

Optical Fiber Sensor

Piezoelectric Sensor

Polymer Sensor

Quartz Sensor

## Applications Covered:

Automobile

Chemical

Communication

Education

Entertainment

Environmental Monitoring

Food & Beverage

Food And Beverage

Healthcare And Life Sciences

Marketing

Medical

Military & Defence

Packaging

Security

## End Users Covered:

Explosives Detectors

Mobile Phone and computers

Music And Video Games

Quality Control Products

Smelling Screen

Virtuality Reality Devices

Medical Diagnostic Products

Other End Users

#### Regions Covered:

North America

US

Canada

Mexico

Europe

Germany

UK

Italy

France

Spain

Rest of Europe

Asia Pacific

Japan

China

India

Australia

New Zealand

South Korea

Rest of Asia Pacific

South America

Argentina

Brazil

Chile

Rest of South America

Middle East & Africa

Saudi Arabia

UAE

Qatar

South Africa

Rest of Middle East & Africa

What our report offers:

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Market estimations, Forecasts and CAGR of any prominent country as per the client's interest (Note: Depends on feasibility check)

##### Competitive Benchmarking

Benchmarking of key players based on product portfolio, geographical presence, and strategic alliances

## Contents

### **1 EXECUTIVE SUMMARY**

### **2 PREFACE**

- 2.1 Abstract
- 2.2 Stake Holders
- 2.3 Research Scope
- 2.4 Research Methodology
  - 2.4.1 Data Mining
  - 2.4.2 Data Analysis
  - 2.4.3 Data Validation
  - 2.4.4 Research Approach
- 2.5 Research Sources
  - 2.5.1 Primary Research Sources
  - 2.5.2 Secondary Research Sources
  - 2.5.3 Assumptions

### **3 MARKET TREND ANALYSIS**

- 3.1 Introduction
- 3.2 Drivers
- 3.3 Restraints
- 3.4 Opportunities
- 3.5 Threats
- 3.6 Application Analysis
- 3.7 End User Analysis
- 3.8 Emerging Markets
- 3.9 Impact of Covid-19

### **4 PORTERS FIVE FORCE ANALYSIS**

- 4.1 Bargaining Power Of Suppliers
- 4.2 Bargaining Power Of Buyers
- 4.3 Threat Of Substitutes
- 4.4 Threat Of New Entrants
- 4.5 Competitive Rivalry

## **5 GLOBAL DIGITAL SCENT TECHNOLOGY MARKET, BY TYPE**

- 5.1 Introduction
- 5.2 Rotary Die Cutting Machine
- 5.3 Platen Die Cutting Machine

## **6 GLOBAL DIGITAL SCENT TECHNOLOGY MARKET, BY HARDWARE DEVICE**

- 6.1 Introduction
- 6.2 Cartridge
- 6.3 Electronic Nose
- 6.4 Scent Synthesizer
- 6.5 Scentograph

## **7 GLOBAL DIGITAL SCENT TECHNOLOGY MARKET, BY SENSOR TYPE**

- 7.1 Introduction
- 7.2 Mosfet Sensor
- 7.3 Optical Fiber Sensor
- 7.4 Piezoelectric Sensor
- 7.5 Polymer Sensor
- 7.6 Quartz Sensor

## **8 GLOBAL DIGITAL SCENT TECHNOLOGY MARKET, BY APPLICATION**

- 8.1 Introduction
- 8.2 Automobile
- 8.3 Chemical
- 8.4 Communication
- 8.5 Education
- 8.6 Entertainment
- 8.7 Environmental Monitoring
- 8.8 Food & Beverage
- 8.9 Healthcare And Life Sciences
- 8.10 Marketing
- 8.11 Medical
- 8.12 Military & Defense
- 8.13 Packaging
- 8.14 Security



## **9 GLOBAL DIGITAL SCENT TECHNOLOGY MARKET, BY END USER**

- 9.1 Introduction
- 9.2 Explosives Detectors
- 9.3 Mobile Phone and Computers
- 9.4 Music And Video Games
- 9.5 Quality Control Products
- 9.6 Smelling Screen
- 9.7 Smart Phone
- 9.8 Virtuality Reality Devices
- 9.9 Medical Diagnostic Products
  - 9.9.1 Cancer Detection
  - 9.9.2 Respiratory Diseases
  - 9.9.3 Urinary Tract Infections
- 9.10 Other End Users
  - 9.10.1 Emails
  - 9.10.2 Hotels And Restaurants
  - 9.10.3 Projectors
  - 9.10.4 Smart Home Systems
  - 9.10.5 Study Materials
  - 9.10.6 Theaters
  - 9.10.7 Wearables

## **10 GLOBAL DIGITAL SCENT TECHNOLOGY MARKET, BY GEOGRAPHY**

- 10.1 Introduction
- 10.2 North America
  - 10.2.1 US
  - 10.2.2 Canada
  - 10.2.3 Mexico
- 10.3 Europe
  - 10.3.1 Germany
  - 10.3.2 UK
  - 10.3.3 Italy
  - 10.3.4 France
  - 10.3.5 Spain
  - 10.3.6 Rest of Europe
- 10.4 Asia Pacific

- 10.4.1 Japan
- 10.4.2 China
- 10.4.3 India
- 10.4.4 Australia
- 10.4.5 New Zealand
- 10.4.6 South Korea
- 10.4.7 Rest of Asia Pacific
- 10.5 South America
  - 10.5.1 Argentina
  - 10.5.2 Brazil
  - 10.5.3 Chile
  - 10.5.4 Rest of South America
- 10.6 Middle East & Africa
  - 10.6.1 Saudi Arabia
  - 10.6.2 UAE
  - 10.6.3 Qatar
  - 10.6.4 South Africa
  - 10.6.5 Rest of Middle East & Africa

## **11 KEY DEVELOPMENTS**

- 11.1 Agreements, Partnerships, Collaborations and Joint Ventures
- 11.2 Acquisitions & Mergers
- 11.3 New Product Launch
- 11.4 Expansions
- 11.5 Other Key Strategies

## **12 COMPANY PROFILING**

- 12.1 Airtelligence Analytics GmbH
- 12.2 Alpha Mos Sa
- 12.3 Ams Ag
- 12.4 Aromajoin Corporation
- 12.5 Aryballe
- 12.6 Electronic Sensor Technology
- 12.7 Odotech Inc
- 12.8 Owlstone
- 12.9 Plasmion GmbH
- 12.10 Scent Sciences Corporation

12.11 Scentsational Technologies

12.12 Sensigent

12.13 Smiths Detection Inc

12.14 Stratuscent Inc

12.15 Voler Systems

## List Of Tables

### LIST OF TABLES

Table 1 Global Digital Scent Technology Market Outlook, By Region (2019-2028) (US \$MN)

Table 2 Global Digital Scent Technology Market Outlook, By Type (2019-2028) (US \$MN)

Table 3 Global Digital Scent Technology Market Outlook, By Rotary Die Cutting Machine (2019-2028) (US \$MN)

Table 4 Global Digital Scent Technology Market Outlook, By Platen Die Cutting Machine (2019-2028) (US \$MN)

Table 5 Global Digital Scent Technology Market Outlook, By Hardware Device (2019-2028) (US \$MN)

Table 6 Global Digital Scent Technology Market Outlook, By Cartridge (2019-2028) (US \$MN)

Table 7 Global Digital Scent Technology Market Outlook, By Electronic Nose (2019-2028) (US \$MN)

Table 8 Global Digital Scent Technology Market Outlook, By Scent Synthesizer (2019-2028) (US \$MN)

Table 9 Global Digital Scent Technology Market Outlook, By Scentograph (2019-2028) (US \$MN)

Table 10 Global Digital Scent Technology Market Outlook, By Sensor Type (2019-2028) (US \$MN)

Table 11 Global Digital Scent Technology Market Outlook, By Mosfet Sensor (2019-2028) (US \$MN)

Table 12 Global Digital Scent Technology Market Outlook, By Optical Fiber Sensor (2019-2028) (US \$MN)

Table 13 Global Digital Scent Technology Market Outlook, By Piezoelectric Sensor (2019-2028) (US \$MN)

Table 14 Global Digital Scent Technology Market Outlook, By Polymer Sensor (2019-2028) (US \$MN)

Table 15 Global Digital Scent Technology Market Outlook, By Quartz Sensor (2019-2028) (US \$MN)

Table 16 Global Digital Scent Technology Market Outlook, By Application (2019-2028) (US \$MN)

Table 17 Global Digital Scent Technology Market Outlook, By Automobile (2019-2028) (US \$MN)

Table 18 Global Digital Scent Technology Market Outlook, By Chemical (2019-2028)

(US \$MN)

Table 19 Global Digital Scent Technology Market Outlook, By Communication  
(2019-2028) (US \$MN)

Table 20 Global Digital Scent Technology Market Outlook, By Education (2019-2028)  
(US \$MN)

Table 21 Global Digital Scent Technology Market Outlook, By Entertainment  
(2019-2028) (US \$MN)

Table 22 Global Digital Scent Technology Market Outlook, By Environmental Monitoring  
(2019-2028) (US \$MN)

Table 23 Global Digital Scent Technology Market Outlook, By Food & Beverage  
(2019-2028) (US \$MN)

Table 24 Global Digital Scent Technology Market Outlook, By Healthcare And Life  
Sciences (2019-2028) (US \$MN)

Table 25 Global Digital Scent Technology Market Outlook, By Marketing (2019-2028)  
(US \$MN)

Table 26 Global Digital Scent Technology Market Outlook, By Medical (2019-2028) (US  
\$MN)

Table 27 Global Digital Scent Technology Market Outlook, By Military & Defense  
(2019-2028) (US \$MN)

Table 28 Global Digital Scent Technology Market Outlook, By Packaging (2019-2028)  
(US \$MN)

Table 29 Global Digital Scent Technology Market Outlook, By Security (2019-2028) (US  
\$MN)

Table 30 Global Digital Scent Technology Market Outlook, By End User (2019-2028)  
(US \$MN)

Table 31 Global Digital Scent Technology Market Outlook, By Explosives Detectors  
(2019-2028) (US \$MN)

Table 32 Global Digital Scent Technology Market Outlook, By Mobile Phone and  
Computers (2019-2028) (US \$MN)

Table 33 Global Digital Scent Technology Market Outlook, By Music And Video Games  
(2019-2028) (US \$MN)

Table 34 Global Digital Scent Technology Market Outlook, By Quality Control Products  
(2019-2028) (US \$MN)

Table 35 Global Digital Scent Technology Market Outlook, By Smelling Screen  
(2019-2028) (US \$MN)

Table 36 Global Digital Scent Technology Market Outlook, By Smart Phone  
(2019-2028) (US \$MN)

Table 37 Global Digital Scent Technology Market Outlook, By Virtuality Reality Devices  
(2019-2028) (US \$MN)

Table 38 Global Digital Scent Technology Market Outlook, By Medical Diagnostic Products (2019-2028) (US \$MN)

Table 39 Global Digital Scent Technology Market Outlook, By Cancer Detection (2019-2028) (US \$MN)

Table 40 Global Digital Scent Technology Market Outlook, By Respiratory Diseases (2019-2028) (US \$MN)

Table 41 Global Digital Scent Technology Market Outlook, By Urinary Tract Infections (2019-2028) (US \$MN)

Table 42 Global Digital Scent Technology Market Outlook, By Other End Users (2019-2028) (US \$MN)

Table 43 Global Digital Scent Technology Market Outlook, By Emails (2019-2028) (US \$MN)

Table 44 Global Digital Scent Technology Market Outlook, By Hotels And Restaurants (2019-2028) (US \$MN)

Table 45 Global Digital Scent Technology Market Outlook, By Projectors (2019-2028) (US \$MN)

Table 46 Global Digital Scent Technology Market Outlook, By Smart Home Systems (2019-2028) (US \$MN)

Table 47 Global Digital Scent Technology Market Outlook, By Study Materials (2019-2028) (US \$MN)

Table 48 Global Digital Scent Technology Market Outlook, By Theaters (2019-2028) (US \$MN)

Table 49 Global Digital Scent Technology Market Outlook, By Wearables (2019-2028) (US \$MN)

Note: Tables for North America, Europe, Asia Pacific, South America and Middle East & Africa are represented in the same manner above.

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