

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:

Market share assessments for the regional and country-level segments

Strategic recommendations for the new entrants

Covers Market data for the years 2019, 2020, 2021, 2025 and 2028

Market Trends (Drivers, Constraints, Opportunities, Threats, Challenges, Investment Opportunities, and recommendations)

Strategic recommendations in key business segments based on the market estimations

Competitive landscaping mapping the key common trends

Company profiling with detailed strategies, financials, and recent developments

Supply chain trends mapping the latest technological advancements

Free Customization Offerings:

All the customers of this report will be entitled to receive one of the following free customization options:

Company Profiling

Comprehensive profiling of additional market players (up to 3)

SWOT Analysis of key players (up to 3)

Regional Segmentation

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

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