

Impact of COVID-19 on Digital scent technology Market: By Hardware Device (E-nose, Scent Synthesizer), By Application (Food & Beverage, Military & Defense, Medical, Marketing, Environmental Monitoring, Entertainment, Others), By End-Use Product (Smartphones, Smelling Screens, Music and Video Games, Explosives Detectors, Quality Control Products, Medical Diagnostic Products, Others) And Region – Global Analysis of Market Size, Share & Trends For 2019–2021 And Forecasts To 2031

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Abstracts

[176 + Pages Research Report] Impact of COVID-19 on Digital scent technology Market to surpass USD 1424.4 million by 2031 from USD 534.3 million in 2021 at a CAGR of 10.3% in the coming years, i.e., 2021-2031.

Product Overview

The digital scent technology Market enables the transmission of smell over digital media such as web pages, movies, and music. Digital scent technology works with the help of electronic noses and olfactometers. Digital scent technology gives the benefit of getting the fragrance of the product before buying it online, which will make online shopping more enjoyable and interesting. Digital scent technology also allows users to produce and modify their fragrances. The technique utilizes hardware components comprising gas sensors such as e-nose and fragrance synthesizers, which help in sensing and synthesizing different types of smells.

Market Highlights

The global Digital scent Technology Market is expected to project a notable CAGR of 10.3% in 2031.

Factors such as increasing use of e-noses in the food industry for quality assurance in production and storage, advancements technologies, and expanding application in e-nose are expected to continue pushing sales in the forthcoming years. The growing use of e-nose devices for disease diagnostic applications is expected to create a huge demand for Digital scent technology.

Global Digital scent technology Market: Segments

E-nose segment to grow with the highest CAGR during 2021-31

Based on Hardware Device, the global Digital scent technology Market is fragmented into E-nose, Scent Synthesizer. E-nose is expected to dominate the global digital scent technology market through the forecast period. e-nose is commonly used in different industries, including military and defense, healthcare, and food and drinks.

Technological advancements and the decreasing cost of e-noses are the primary factors driving e-nose growth during the forecast period.

A medical segment to grow with the highest CAGR during 2021-31

Global Digital scent technology Market is classified based on application into Food & Beverage, Military & Defense, Medical, Marketing, Environmental Monitoring, Entertainment, Others. Based on the devices, the medical segment has the largest market share due to the growing use of digital smell technology in medical diagnostics, treatment choices, and metabolic disorders nutritional status. Using E-noses people manage their health more effectively and provide healthcare professionals detailed information about their patients. Rising incidences of diseases such as TB and cancer are driving the use of medical diagnostic products that are based on digital scent technology.

Market Dynamics

Drivers

Increasing applications and adoption of the digital scent technology in the healthcare

E-nose is a propitious technology in its potential to assist in diagnosis. The earlier detection of any diseases increases the chances for an effective treatment, there is a

demand for simple, fast, and qualitative diagnostic procedures. In the healthcare sector, digital scent technology is used in aromatherapy for healing certain diseases by using different types of fragrances. Aromatherapy aids in diagnosing brain disorders. The healthcare industry is expected to witness the highest growth rate owing to the increased adoption of scent synthesizers and e-noses to detect cancer

Innovation of Digital Smell on Smart Phones

Smartphones are widely available with internet access, developers have been advancing the installation of Digital Scent Technology in-built in smartphones. Developers aim to provide long-distance conversations in a form of virtual reality. This will allow the users to experience a real sense of sight, voice as well as smell.

Restraint

High cost associated with the digital scent technology

The high cost of e-nose and delays between successive smell tastes are some factors that restrain the growth of the digital scent technology market considerably.

Global Digital scent technology Market: Key Players

Aromajoin Corporation

Company Overview, Business Strategy, Key Product Offerings, Financial Performance, Key Performance Indicators, Risk Analysis, Recent Development, Regional Presence, SWOT Analysis

Electronics Sensor Technology

ScentSational Technologies LLC

Smiths Detection Inc.

Scent Sciences Corporation

Airsense Analytics GmbH

Alpha MOS SA

The Enose Company

Scentcom Ltd.

AMS AG

Other Prominent Players

Global Digital scent technology Market: Regions

Global Digital scent technology Market is segmented based on regional analysis into five major regions: North America, Latin America, Europe, Asia Pacific, and the Middle East and Africa. In North America Digital scent technology market is expected to see

remarkable growth during the forecasted period. The factors underpinning growth in the North American digital scent technology market include increased acceptance of enhanced digital services, the usage of biosensors for early diagnosis, and consequential e-nose innovations in the healthcare and the military and defense sectors.

Impact of Covid-19 on Digital scent technology Market

Globally, Due to the COVID-19 pandemic, the manufacturing units of main players are highly hindered due to worldwide lockdown and insufficient availability of raw material and labor. Because of the pandemic, several scheduled product launches and related developments have been postponed.

Global Digital scent technology Market is further segmented by region into:

North America Market Size, Share, Trends, Opportunities, Y-o-Y Growth, CAGR – the United States and Canada

Latin America Market Size, Share, Trends, Opportunities, Y-o-Y Growth, CAGR – Mexico, Argentina, Brazil and Rest of Latin America

Europe Market Size, Share, Trends, Opportunities, Y-o-Y Growth, CAGR – United Kingdom, France, Germany, Italy, Spain, Belgium, Hungary, Luxembourg, Netherlands, Poland, NORDIC, Russia, Turkey and Rest of Europe

Asia Pacific Market Size, Share, Trends, Opportunities, Y-o-Y Growth, CAGR – India, China, South Korea, Japan, Malaysia, Indonesia, New Zealand, Australia, and Rest of APAC

the Middle East and Africa Market Size, Share, Trends, Opportunities, Y-o-Y Growth, CAGR – North Africa, Israel, GCC, South Africa and Rest of MENA

Global Digital scent technology Market report also contains analysis on:

Digital scent technology Market Segments:

By Hardware Device

E-nose

Scent Synthesizer

By Application

Food & Beverage

Military & Defense

Medical

Marketing

Environmental Monitoring

Entertainment

Others

By End-Use Product

Smartphones

Smelling Screens

Music and Video Games

Explosives Detectors

Quality Control Products

Medical Diagnostic Products

Others

Digital scent technology Market Dynamics

Digital scent technology Market Size

Supply & Demand

Current Trends/Issues/Challenges

Competition & Companies Involved in the Market

Value Chain of the Market

Market Drivers and Restraints

Digital scent technology Market Report Scope and Segmentation

Report Attribute Details

The market size value in 2021 USD 534.3 million

The revenue forecast in 2031 USD 1424.4 million

Growth Rate CAGR of 10.3% from 2021 to 2031

The base year for estimation 2020

Quantitative units Revenue in USD million and CAGR from 2021 to 2030

Report coverage Revenue forecast, company ranking, competitive landscape, growth factors, and trends

Segments covered Hardware Device, Application, End-Use Product, and Region

Regional scope North America, Europe, Asia Pacific, Latin America, Middle East & Africa (MEA)

Key companies profiled Aromajoin Corporation, Electronics Sensor Technology,

ScentSational Technologies LLC, Smiths Detection Inc., Scent Sciences Corporation,

Airsense Analytics GmbH, Alpha MOS SA, The Enose Company, Scentcom Ltd., AMS

AG, and Other Prominent Players.

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**The above given segmentations and companies could be subjected to further modification based on in-depth feasibility studies conducted for the final deliverable.

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