

Global Breathalyzers Market Size study, by Technology (Fuel Cell Technology, Semiconductor Oxide Sensor Technology, Infrared Spectroscopy), by Application (Drug Abuse Detection, Alcohol Detection, Other Applications (Medical Applications etc.)), and Regional Forecasts 2021-2027

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Abstracts

Global Breathalyzers Market is valued at approximately USD 757.8 million in 2020 and is anticipated to grow with a healthy growth rate of more than 8.5 % over the forecast period 2021-2027. A breathalyzer is a scientific instrument that measures the amount of alcohol in a person's bloodstream. The breathalyzer works by examining a person's breath to determine the amount of alcohol in his or her system. Fuel cell breathalyzer sensors are presently among the most popular breathalyzers in the market. The fuel cell breathalyzers works by oxidizing the alcohol in a breath sample and producing an electrical current, which the breathalyzer monitors to estimate the blood alcohol level (BAC). Fuel cell technology devices are also available in handheld devices, giving them an advantage over competing devices. When compared to conventional breathalyzers, the great accuracy and reliability of fuel cell technology-based breathalyzers is a crucial factor which fuels its demand over the estimated years. For example, a study published in March 2018 titled 'Fuel-cell breathalyzer use for field research on alcohol intoxication: an independent psychometric evaluation' found that portable fuel cell breathalyzers are reliable and valid instruments for research designs requiring quick alcohol intoxication estimations in large populations. In addition, manufacturers are focusing their efforts on improving the features of their existing breathalyzer devices by introducing revolutionary technologies, and new product launches in the sector will help drive the market forward. For example, Lifeloc Technologies Inc. announced the release of two fuel cell-based handheld breathalyzers, the LT7 and LX9, in July 2021. Similarly, in January 2020,

OLYTHE has announced the launch of a predictive alcohol e-breathalyzer based on tiny infrared technology in 30 European nations. As a result, the aforementioned factors will contribute to the market's growth. However, breath analyzers provide inaccurate results failing to distinguish alcohol from any other chemical compound which may impede the market growth over the forecast years.

The regional analysis of the Global Breathalyzers Market is segmented for the key regions such as North America, Europe, Asia Pacific, Latin America, and Rest of the World (ROW). North America is the dominating region across the world in terms of market share due to stringent laws for mandatory alcohol testing, high consumption of alcohol and related beverages in the region. Whereas Asia Pacific is also anticipated to exhibit the highest growth rate over the forecast period 2021-2027, due to increased alcohol consumption, expanding research into breath analyzers' medicinal applications, and the development of advanced breath analyzers across APAC.

Major market player included in this report are:

Drägerwerk AG & Co. KGaA

BACtrack

Quest Diagnostics

Intoximeters, Inc.

Alcolizer Technology Pty Ltd

Lifeloc Technologies

Andatech Pty Ltd

AlcoPro

Bedfont Scientific Ltd

Abbott Laboratories

The objective of the study is to define market sizes of different segments & countries in recent years and to forecast the values to the coming eight years. The report is designed to incorporate both qualitative and quantitative aspects of the industry within each of the regions and countries involved in the study. Furthermore, the report also caters the detailed information about the crucial aspects such as driving factors & challenges which will define the future growth of the market. Additionally, the report shall also incorporate available opportunities in micro markets for stakeholders to invest along with the detailed analysis of competitive landscape and product offerings of key players. The detailed segments and sub-segment of the market are explained below:

By Technology:

Fuel Cell Technology
Semiconductor Oxide Sensor Technology
Infrared Spectroscopy
By Application:
Drug Abuse Detection
Alcohol Detection
Other Applications (Medical Applications etc.)

By Region:
North America
U.S.
Canada
Europe
UK
Germany
France
Spain
Italy
ROE

Asia Pacific
China
India
Japan
Australia
South Korea
RoAPAC
Latin America
Brazil
Mexico
Rest of the World

Furthermore, years considered for the study are as follows:

Historical year – 2017, 2018-19
Base year – 2019-2020
Forecast period – 2021 to 2027.

Target Audience of the Global Breathalyzers Market in Market Study:

Global Breathalyzers Market Size study, by Technology (Fuel Cell Technology, Semiconductor Oxide Sensor Techno...

Key Consulting Companies & Advisors
Large, medium-sized, and small enterprises
Venture capitalists
Value-Added Resellers (VARs)
Third-party knowledge providers
Investment bankers
Investors

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