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Biological Safety Cabinet Market: Global Industry Trends, Share, Size, Growth, Opportunity and Forecast 2022-2027

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Abstracts

The global biological safety cabinet market size reached US$ 207 Million in 2021. Looking forward, IMARC Group expects the market to reach US$ 320.5 Million by 2027, exhibiting a growth rate (CAGR) of 7.47% during 2022-2027. Keeping in mind the uncertainties of COVID-19, we are continuously tracking and evaluating the direct as well as the indirect influence of the pandemic on different end use sectors. These insights are included in the report as a major market contributor.

A biological safety cabinet (BSC) refers to a ventilated laboratory workspace designed for protecting workers and equipment from contamination through various pathogens. The cabinets minimize the biological exposure from harmful viruses, bacteria and other microorganisms. They are classified into three classes I, II and III. Class I cabinets protect the user and the surrounding environment. Class II cabinets protect the user, environment and the samples and are used for low to moderate risk biological agents and class III cabinets offer maximum protection through gas-tight enclosures. They can be customized to provide different protection levels to obtain optimum control over product quality and minimize the potential risks of contamination.

The increasing risks of communicable diseases, along with the on-going viral pandemic, is among the key factors driving the growth of the market. As the coronavirus disease (COVID-19) continues to spread across the globe, there has been a significant increase in the demand for BSCs in healthcare centers. Furthermore, the rising requirement to safeguard the product, personnel and environment from biohazard exposure and cross-contamination is providing a thrust to the market growth. BSCs are widely used by diagnostic labs and pharmaceutical manufacturers to maintain the microbiological quality of drugs. Additionally, various product innovations, such as the development of

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cabinet variants with improved construction, airflow pattern, velocities and exhaust systems, are acting as other growth-inducing factors. They are also equipped with digital interfaces for easy control of the cabinet and high-efficiency particulate air (HEPA) filters to maintain the sterility of the environment. Other factors, including the rapid modernization of laboratory equipment, along with improvements in the healthcare infrastructure, are anticipated to drive the market further.

Key Market Segmentation:
IMARC Group provides an analysis of the key trends in each sub-segment of the global biological safety cabinet market report, along with forecasts at the global, regional and country level from 2022-2027. Our report has categorized the market based on type and end user.

Breakup by Type:

Class I
Class II
Class II Type A
Class II Type B
Class III

Breakup by End User:

Pharmaceutical and Biopharmaceutical Companies
Diagnostic and Testing Laboratories
Academic and Research Institutions

Breakup by Region:

North America
United States
Canada
Asia Pacific
China
Japan
India
South Korea
Australia
Indonesia

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Others
Europe
Germany
France
United Kingdom
Italy
Spain
Russia
Others
Latin America
Brazil
Mexico
Others
Middle East and Africa

Competitive Landscape:
The report has also analysed the competitive landscape of the market with some of the key players being Air Science, Berner International, BIOBASE, Esco Micro Pte Ltd., EUROCLONE SPA (AddLife Development AB), Germfree Laboratories, Kewaunee Scientific Corporation, Labconco, NuAire (Polypipe), The Baker Company, Inc. and Thermo Fisher Scientific Inc.

Key Questions Answered in This Report:
How has the global biological safety cabinet market performed so far and how will it perform in the coming years?
What has been the impact of COVID-19 on the global biological safety cabinet market?
What are the key regional markets?
What is the breakup of the market based on the type?
What is the breakup of the market based on the end user?
What are the various stages in the value chain of the industry?
What are the key driving factors and challenges in the industry?
What is the structure of the global biological safety cabinet market and who are the key players?
What is the degree of competition in the industry?

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