

Biological Safety Cabinet Market is estimated to be US\$ 348.99 million by 2030 with a CAGR of 7.50%-By PMI

Biological Safety Cabinet Market, By Product Type, By End Use and By Region - Trends, Analysis and Forecast till 2029

COVINA, CALIFORNIA , UNITED STATE, March 28, 2023 /EINPresswire.com/ -- A [biological safety cabinet](#) (BSC) is a vented laboratory workplace that is meant to keep personnel and equipment safe from pathogen contamination. The cabinets reduce the risk of dangerous viruses, germs, and other microbes entering the body. They're divided into three groups: I, II, and III. The user and the environment are both protected in Class I cabinets. Class II cabinets, which are utilized for low to moderate risk biological agents, protect the user, the environment, and the samples, whereas class III cabinets provide maximum safety through gas-tight enclosures. They can be designed to give varying levels of protection in order to achieve the best possible control over product quality while reducing the danger of contamination.

Biological Safety Cabinet Market, By Product Type (Class I, Class II, Class III), By End Use (Pharma & Biopharma Companies, Diagnostics & Testing Laboratories) and By Region (North America, Europe, Asia Pacific, Latin America, and Middle East & Africa) - Trends, Analysis and Forecast till 2029

Region Analysis:

North America is expected to hold a significant market share in the global biological safety cabinet market due to increased research and development activities in the pharmaceutical and biotechnology industries, as well as the increased risk of pandemics and communicable diseases in this region. Furthermore, the widespread use of technologically improved biological safety cabinets, as well as a well-developed healthcare sector, are driving the entire regional market forward.



Biological Safety Cabinet Market-By PMI

Key Development:

- Azbil Telstar introduced the BiOptima Class II safety cabinets in 2019, which have improved operating systems for cytotoxic handling, as well as extremely efficient HEPA filters that are both energy-saving and easy to use.

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Scope of the Report:

1. Market Preview

>Executive Summary

>Key Findings—Global Outlook for Biological Safety Cabinet Strategies

- Key Questions this Study will Answer
- Market Snippet, By Product Type
- Market Snippet, By End-Use Industry

>Opportunity Map Analysis

>Executive Summary—3 Big Predictions

2. Market Dynamics, Regulations, and Trends Analysis

>Market Dynamics

- Drivers
- Restraints
- Market Opportunities
- Market Trends

>DR Impact Analysis

>PEST Analysis

>Porter's Five Forces Analysis

>Opportunity Orbit

>Market Investment Feasibility Index

>Macroeconomic Factor Analysis

3. Global Biological Safety Cabinet Market, By Product Type, 2020 – 2030, (US\$ Mn)

>Overview

- Market Value and Forecast (US\$ Mn), and Share Analysis (%), 2020 – 2030
- Y-o-Y Growth Analysis (%), 2020 – 2030
- Segment Trends

>Class I

- Overview
- Market Size and Forecast (US\$ Mn), and Y-o-Y Growth (%), 2020 – 2030

>Class II

- Overview
- Market Size and Forecast (US\$ Mn), and Y-o-Y Growth (%), 2020 – 2030

>Class III

- Overview
- Market Size and Forecast (US\$ Mn), and Y-o-Y Growth (%), 2020 – 2030

4. Global Biological Safety Cabinet Market, By End-Use Industry, 2020 – 2030, (US\$ Mn)

>Overview

- Market Value and Forecast (US\$ Mn), and Share Analysis (%), 2020 – 2030
- Y-o-Y Growth Analysis (%), 2020 – 2030
- Segment Trends

>Pharma & Biopharma Companies

- Overview
- Market Size and Forecast (US\$ Mn), and Y-o-Y Growth (%), 2020 – 2030

>Diagnostics & Testing Laboratories

- Overview
- Market Size and Forecast (US\$ Mn), and Y-o-Y Growth (%), 2020 – 2030

Segmentation:

The Biological Safety Cabinet Market accounted for US\$ 169.71 million in 2020 and is estimated to be US\$ 348.99 million by 2030 and is anticipated to register a CAGR of 7.50%. The Global Biological Safety Cabinet Market is segmented by Product Type, End-Use Industry and Region.

- By Product Type, the Global Biological Safety Cabinet Market is segmented into Class I, Class II, and Class III.
- By End-Use Industry, the Global Biological Safety Cabinet Market is classified into Pharma & Biopharma Companies, Diagnostics & Testing Laboratories.
- By region, the Global Biological Safety Cabinet Market is segmented into North America, Europe, Asia Pacific, Latin America, and Middle East & Africa.

Competitive Analysis:

- Thermo Fisher Scientific
- Germfree Laboratories
- BIOBASE
- NuAire
- EUROCLONE
- Cruma Air Science
- Kewaunee Scientific
- Esco Micro
- Berner International

Some Important Points Answered in this Market Report Are Given Below:

- Explains an overview of the product portfolio, including product development, planning, and positioning
- Explains details about key operational strategies with a focus on R&D strategies, corporate structure, localization strategies, production capabilities, and financial performance of various companies.
- Detailed analysis of the market revenue over the forecasted period.

- Examining various outlooks of the market with the help of Porter's five forces analysis, PEST & SWOT Analysis.
- Study on the segments that are anticipated to dominate the market.
- Study on the regional analysis that is expected to register the highest growth over the forecast period

Questions answered by Biological Safety Cabinet Market:

What is the current size of the biological safety cabinet market, and what is the expected growth rate in the next few years?

According to a report by MarketsandMarkets, the global biological safety cabinet market size was valued at \$142.4 million in 2020. The market is expected to grow at a compound annual growth rate (CAGR) of 8.5% from 2021 to 2026, reaching a projected value of \$225.6 million by 2026. The growth of the market is driven by factors such as the increasing demand for biologics, vaccines, and biosimilars, as well as the growing prevalence of infectious diseases and the need for safe laboratory practices.

What are the key trends and developments in the biological safety cabinet market, and how will they shape the future of the industry?

The key trends and developments in the biological safety cabinet market include the increasing adoption of automated and smart cabinets, the development of portable and compact models, and the use of advanced materials such as stainless steel and acrylic. Additionally, there is a growing emphasis on energy efficiency and sustainability, with manufacturers developing eco-friendly models that reduce energy consumption and carbon footprint. These trends are expected to shape the future of the industry by improving safety and efficiency in laboratory and healthcare settings, as well as addressing the need for cost-effective and environmentally friendly solutions. Furthermore, the ongoing COVID-19 pandemic has led to a surge in demand for biological safety cabinets, which is expected to continue in the coming years, especially in emerging economies.

How is the regulatory landscape evolving for biological safety cabinets, and what impact will this have on market growth and innovation?

The regulatory landscape for biological safety cabinets is evolving with increasing emphasis on product quality, safety, and compliance with international standards. This is expected to have a positive impact on market growth and innovation as manufacturers strive to meet the regulatory requirements and improve product performance and features. Additionally, the growing demand for certified and validated cabinets is likely to drive the adoption of advanced technologies such as HEPA filters, UV lamps, and air flow sensors to ensure optimal performance and safety.

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