

Global Biosafety Cabinets for Disease Prevention and Control Market 2024 by Manufacturers, Regions, Type and Application, Forecast to 2030

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Abstracts

Disease prevention and control agencies often use biosafety cabinets (BSCs) in various capacities to handle potentially infectious materials, conduct research, and ensure a safe working environment. Here are some ways in which biosafety cabinets are utilized in disease prevention and control:

Surveillance and Diagnostics: Disease prevention agencies use biosafety cabinets in laboratories for the surveillance and diagnostics of infectious diseases. BSCs are essential for handling patient samples, isolating pathogens, and conducting tests to identify and monitor the spread of diseases.

Research on Infectious Agents: Biosafety cabinets are crucial in research laboratories dedicated to the study of infectious agents. Researchers working on the development of vaccines, antiviral drugs, or understanding the mechanisms of infectious diseases use BSCs to ensure their safety and prevent the release of pathogens.

Epidemiological Studies: Agencies involved in epidemiological studies may use biosafety cabinets when processing and analyzing samples collected during outbreaks. BSCs help prevent laboratory-acquired infections and ensure the accuracy of epidemiological data.

Vaccine Development and Production: Biosafety cabinets are used in laboratories focused on vaccine development and production. Researchers working on the cultivation and manipulation of viruses or bacteria for vaccine purposes use BSCs to prevent contamination and ensure the safety of the personnel involved.

Emergency Response Units: Disease prevention agencies often have emergency response units that may deploy biosafety cabinets in the field during outbreaks or public health emergencies. Portable biosafety cabinets can be used for rapid sample analysis while maintaining containment.

Laboratory Biosafety Training: Agencies involved in disease prevention and control may provide biosafety training to laboratory personnel. Training programs cover the proper use of biosafety cabinets, maintenance procedures, and adherence to safety protocols to prevent laboratory-acquired infections.

Biocontainment Facilities: High-containment laboratories, which are equipped with biosafety cabinets and other specialized equipment, are essential for handling highly infectious agents. These facilities are used by disease prevention agencies for studying emerging infectious diseases with a high risk of transmission.

According to our (Global Info Research) latest study, the global Biosafety Cabinets for Disease Prevention and Control market size was valued at US\$ 26.8 million in 2023 and is forecast to a readjusted size of USD 39.7 million by 2030 with a CAGR of 6.3% during review period.

This report is a detailed and comprehensive analysis for global Biosafety Cabinets for Disease Prevention and Control market. Both quantitative and qualitative analyses are presented by manufacturers, by region & country, by Type and by Application. As the market is constantly changing, this report explores the competition, supply and demand trends, as well as key factors that contribute to its changing demands across many markets. Company profiles and product examples of selected competitors, along with market share estimates of some of the selected leaders for the year 2024, are provided.

Key Features:

Global Biosafety Cabinets for Disease Prevention and Control market size and forecasts, in consumption value (\$ Million), sales quantity (Units), and average selling prices (US\$/Unit), 2019-2030

Global Biosafety Cabinets for Disease Prevention and Control market size and forecasts by region and country, in consumption value (\$ Million), sales quantity (Units), and average selling prices (US\$/Unit), 2019-2030

Global Biosafety Cabinets for Disease Prevention and Control market size and

forecasts, by Type and by Application, in consumption value (\$ Million), sales quantity (Units), and average selling prices (US\$/Unit), 2019-2030

Global Biosafety Cabinets for Disease Prevention and Control market shares of main players, shipments in revenue (\$ Million), sales quantity (Units), and ASP (US\$/Unit), 2019-2024

The Primary Objectives in This Report Are:

To determine the size of the total market opportunity of global and key countries

To assess the growth potential for Biosafety Cabinets for Disease Prevention and Control

To forecast future growth in each product and end-use market

To assess competitive factors affecting the marketplace

This report profiles key players in the global Biosafety Cabinets for Disease Prevention and Control market based on the following parameters - company overview, sales quantity, revenue, price, gross margin, product portfolio, geographical presence, and key developments. Key companies covered as a part of this study include Esco Micro, Thermo Fisher Scientific, Haier Biomedical, Azbil Telstar, NuAire Lab Equipment, Suzhou Antai Airtech, Kewaunee Scientific, The Baker Company, BIOBASE, Heal Force Bio-Meditech, etc.

This report also provides key insights about market drivers, restraints, opportunities, new product launches or approvals.

Market Segmentation

Biosafety Cabinets for Disease Prevention and Control market is split by Type and by Application. For the period 2019-2030, the growth among segments provides accurate calculations and forecasts for consumption value by Type, and by Application in terms of volume and value. This analysis can help you expand your business by targeting qualified niche markets.

Market segment by Type

Class II A Type

Class II B Type

Class III Type

Market segment by Application

Online

Offline

Major players covered

Esco Micro

Thermo Fisher Scientific

Haier Biomedical

Azbil Telstar

NuAire Lab Equipment

Suzhou Antai Airtech

Kewaunee Scientific

The Baker Company

BIOBASE

Heal Force Bio-Meditech

Beijing Donglian Har Instrument

Faster

Labconco

Market segment by region, regional analysis covers

North America (United States, Canada, and Mexico)

Europe (Germany, France, United Kingdom, Russia, Italy, and Rest of Europe)

Asia-Pacific (China, Japan, Korea, India, Southeast Asia, and Australia)

South America (Brazil, Argentina, Colombia, and Rest of South America)

Middle East & Africa (Saudi Arabia, UAE, Egypt, South Africa, and Rest of Middle East & Africa)

The content of the study subjects, includes a total of 15 chapters:

Chapter 1, to describe Biosafety Cabinets for Disease Prevention and Control product scope, market overview, market estimation caveats and base year.

Chapter 2, to profile the top manufacturers of Biosafety Cabinets for Disease Prevention and Control, with price, sales quantity, revenue, and global market share of Biosafety Cabinets for Disease Prevention and Control from 2019 to 2024.

Chapter 3, the Biosafety Cabinets for Disease Prevention and Control competitive situation, sales quantity, revenue, and global market share of top manufacturers are analyzed emphatically by landscape contrast.

Chapter 4, the Biosafety Cabinets for Disease Prevention and Control breakdown data are shown at the regional level, to show the sales quantity, consumption value, and growth by regions, from 2019 to 2030.

Chapter 5 and 6, to segment the sales by Type and by Application, with sales market share and growth rate by Type, by Application, from 2019 to 2030.

Chapter 7, 8, 9, 10 and 11, to break the sales data at the country level, with sales quantity, consumption value, and market share for key countries in the world, from 2019

to 2024. and Biosafety Cabinets for Disease Prevention and Control market forecast, by regions, by Type, and by Application, with sales and revenue, from 2025 to 2030.

Chapter 12, market dynamics, drivers, restraints, trends, and Porters Five Forces analysis.

Chapter 13, the key raw materials and key suppliers, and industry chain of Biosafety Cabinets for Disease Prevention and Control.

Chapter 14 and 15, to describe Biosafety Cabinets for Disease Prevention and Control sales channel, distributors, customers, research findings and conclusion.

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