

Sterilization Equipment Market: Global Industry Trends, Share, Size, Growth, Opportunity and Forecast 2023-2028

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Abstracts

The global sterilization equipment market size reached US\$ 13.8 Billion in 2022.

Looking forward, IMARC Group expects the market to reach US\$ 23.3 Billion by 2028, exhibiting a growth rate (CAGR) of 9.1% during 2022-2028.

Sterilization equipment is used in healthcare facilities to eliminate pathogenic microorganisms like bacteria, viruses, fungi, and spores from a fluid or the surface of an article. It is widely utilized in autoclave machines, clean-in-place (CIP) systems, ultraviolet (UV) chambers, and steam, dry heat and liquid chemical processes to prevent the risk of cross-contamination and ensure the safety of staff and patients. Nowadays, various medical devices and instruments are made using heat-sensitive materials like plastic. As a result, manufacturers are offering low-temperature sterilization systems, such as ozone, hydrogen peroxide gas plasma, ethylene oxide (EO) gas and peracetic acid immersion, to disinfect these devices.

A significant rise in the hospitalization rates due to the mass spread of coronavirus disease (COVID-19) has increased the need for ventilators to support critically ill patients worldwide. This represents one of the prominent factors influencing the demand for sterilization equipment to prevent the introduction of harmful substances that can lead to infection from artificial airways and internal circuits. Apart from this, the increasing number of surgical procedures is also influencing the market growth.

Additionally, health authorities of numerous countries are introducing stringent policies concerning the sterilization of devices in healthcare facilities, which is further contributing to the market growth. Furthermore, sterilization equipment is gaining popularity in the food and beverage (F&B) industry to disinfect containers and packages. This, in confluence with the growing demand for packaged food products on account of busy lifestyles and the rising trend of nuclear families, is anticipated to drive the market.

Key Market Segmentation:

IMARC Group provides an analysis of the key trends in each sub-segment of the global sterilization equipment market report, along with forecasts at the global, regional and country level from 2023-2028. Our report has categorized the market based on product and end user.

Breakup by Product:

- Heat Sterilizers
- Depyrogenation Oven
- Steam Autoclaves
- Low-temperature Sterilizers
- Ethylene Oxide Sterilizers
- Hydrogen Peroxide Sterilizers
- Others
- Sterile Membrane Filters
- Radiation Sterilization Devices
- Electron Beams
- Gamma Rays
- Others

Breakup by End User:

- Hospitals and Clinics
- Medical Device Companies
- Pharmaceutical Companies
- Food and Beverages Industry
- Others

Breakup by Region:

- North America
 - United States
 - Canada
- Asia-Pacific
 - China
 - Japan
 - India
 - South Korea
 - Australia
 - Indonesia
 - Others
- Europe
 - Germany
 - France

United Kingdom

Italy

Spain

Russia

Others

Latin America

Brazil

Mexico

Others

Middle East and Africa

Competitive Landscape:

The competitive landscape of the industry has also been examined along with the profiles of the key players being Belimed AG (Metall Zug), Cantel Medical Corp, E-BEAM Services Inc., Fortive Corporation, Getinge AB, H.W.Andersen Products Ltd., Matachana Group, MMM Group, Sotera Health Company, STERIS plc, Stryker Corporation and Systec GmbH.

Key Questions Answered in This Report

1. How big is the global sterilization equipment market?
2. What is the expected growth rate of the global sterilization equipment market during 2023-2028?
3. What are the key factors driving the global sterilization equipment market?
4. What has been the impact of COVID-19 on the global sterilization equipment market?
5. What is the breakup of the global sterilization equipment market based on the product?
6. What is the breakup of the global sterilization equipment market based on the end user?
7. What are the key regions in the global sterilization equipment market?
8. Who are the key players/companies in the global sterilization equipment market?

Contents

1 PREFACE

2 SCOPE AND METHODOLOGY

- 2.1 Objectives of the Study
- 2.2 Stakeholders
- 2.3 Data Sources
 - 2.3.1 Primary Sources
 - 2.3.2 Secondary Sources
- 2.4 Market Estimation
 - 2.4.1 Bottom-Up Approach
 - 2.4.2 Top-Down Approach
- 2.5 Forecasting Methodology

3 EXECUTIVE SUMMARY

4 INTRODUCTION

- 4.1 Overview
- 4.2 Key Industry Trends

5 GLOBAL STERILIZATION EQUIPMENT MARKET

- 5.1 Market Overview
- 5.2 Market Performance
- 5.3 Impact of COVID-19
- 5.4 Market Forecast

6 MARKET BREAKUP BY PRODUCT

- 6.1 Heat Sterilizers
 - 6.1.1 Market Trends
 - 6.1.2 Key Segments
 - 6.1.2.1 Depyrogenation Oven
 - 6.1.2.2 Steam Autoclaves

- 6.1.3 Market Forecast
- 6.2 Low-temperature Sterilizers
 - 6.2.1 Market Trends
 - 6.2.2 Key Segments
 - 6.2.2.1 Ethylene Oxide Sterilizers
 - 6.2.2.2 Hydrogen Peroxide Sterilizers
 - 6.2.2.3 Others
 - 6.2.3 Market Forecast
- 6.3 Sterile Membrane Filters
 - 6.3.1 Market Trends
 - 6.3.2 Market Forecast
- 6.4 Radiation Sterilization Devices
 - 6.4.1 Market Trends
 - 6.4.2 Key Segments
 - 6.4.2.1 Electron Beams
 - 6.4.2.2 Gamma Rays
 - 6.4.2.3 Others
 - 6.4.3 Market Forecast

7 MARKET BREAKUP BY END USER

- 7.1 Hospitals and Clinics
 - 7.1.1 Market Trends
 - 7.1.2 Market Forecast
- 7.2 Medical Device Companies
 - 7.2.1 Market Trends
 - 7.2.2 Market Forecast
- 7.3 Pharmaceutical Companies
 - 7.3.1 Market Trends
 - 7.3.2 Market Forecast
- 7.4 Food and Beverages Industry
 - 7.4.1 Market Trends
 - 7.4.2 Market Forecast
- 7.5 Others
 - 7.5.1 Market Trends
 - 7.5.2 Market Forecast

8 MARKET BREAKUP BY REGION

8.1 North America

8.1.1 United States

8.1.1.1 Market Trends

8.1.1.2 Market Forecast

8.1.2 Canada

8.1.2.1 Market Trends

8.1.2.2 Market Forecast

8.2 Asia-Pacific

8.2.1 China

8.2.1.1 Market Trends

8.2.1.2 Market Forecast

8.2.2 Japan

8.2.2.1 Market Trends

8.2.2.2 Market Forecast

8.2.3 India

8.2.3.1 Market Trends

8.2.3.2 Market Forecast

8.2.4 South Korea

8.2.4.1 Market Trends

8.2.4.2 Market Forecast

8.2.5 Australia

8.2.5.1 Market Trends

8.2.5.2 Market Forecast

8.2.6 Indonesia

8.2.6.1 Market Trends

8.2.6.2 Market Forecast

8.2.7 Others

8.2.7.1 Market Trends

8.2.7.2 Market Forecast

8.3 Europe

8.3.1 Germany

8.3.1.1 Market Trends

8.3.1.2 Market Forecast

8.3.2 France

8.3.2.1 Market Trends

8.3.2.2 Market Forecast

8.3.3 United Kingdom

8.3.3.1 Market Trends

8.3.3.2 Market Forecast

8.3.4 Italy

8.3.4.1 Market Trends

8.3.4.2 Market Forecast

8.3.5 Spain

8.3.5.1 Market Trends

8.3.5.2 Market Forecast

8.3.6 Russia

8.3.6.1 Market Trends

8.3.6.2 Market Forecast

8.3.7 Others

8.3.7.1 Market Trends

8.3.7.2 Market Forecast

8.4 Latin America

8.4.1 Brazil

8.4.1.1 Market Trends

8.4.1.2 Market Forecast

8.4.2 Mexico

8.4.2.1 Market Trends

8.4.2.2 Market Forecast

8.4.3 Others

8.4.3.1 Market Trends

8.4.3.2 Market Forecast

8.5 Middle East and Africa

8.5.1 Market Trends

8.5.2 Market Breakup by Country

8.5.3 Market Forecast

9 SWOT ANALYSIS

9.1 Overview

9.2 Strengths

9.3 Weaknesses

9.4 Opportunities

9.5 Threats

10 VALUE CHAIN ANALYSIS

11 PORTERS FIVE FORCES ANALYSIS

- 11.1 Overview
- 11.2 Bargaining Power of Buyers
- 11.3 Bargaining Power of Suppliers
- 11.4 Degree of Competition
- 11.5 Threat of New Entrants
- 11.6 Threat of Substitutes

12 PRICE ANALYSIS

13 COMPETITIVE LANDSCAPE

- 13.1 Market Structure
- 13.2 Key Players
- 13.3 Profiles of Key Players
 - 13.3.1 Belimed AG (Metall Zug)
 - 13.3.1.1 Company Overview
 - 13.3.1.2 Product Portfolio
 - 13.3.2 Cantel Medical Corp
 - 13.3.2.1 Company Overview
 - 13.3.2.2 Product Portfolio
 - 13.3.2.3 Financials
 - 13.3.2.4 SWOT Analysis
 - 13.3.3 E-BEAM Services Inc.
 - 13.3.3.1 Company Overview
 - 13.3.3.2 Product Portfolio
 - 13.3.4 Fortive Corporation
 - 13.3.4.1 Company Overview
 - 13.3.4.2 Product Portfolio
 - 13.3.4.3 Financials
 - 13.3.4.4 SWOT Analysis
 - 13.3.5 Getinge AB
 - 13.3.5.1 Company Overview
 - 13.3.5.2 Product Portfolio
 - 13.3.5.3 Financials
 - 13.3.5.4 SWOT Analysis
 - 13.3.6 H.W.Andersen Products Ltd.
 - 13.3.6.1 Company Overview

- 13.3.6.2 Product Portfolio
- 13.3.7 Matachana Group
 - 13.3.7.1 Company Overview
 - 13.3.7.2 Product Portfolio
- 13.3.8 MMM Group
 - 13.3.8.1 Company Overview
 - 13.3.8.2 Product Portfolio
- 13.3.9 Sotera Health Company
 - 13.3.9.1 Company Overview
 - 13.3.9.2 Product Portfolio
- 13.3.10 STERIS plc
 - 13.3.10.1 Company Overview
 - 13.3.10.2 Product Portfolio
- 13.3.11 Stryker Corporation
 - 13.3.11.1 Company Overview
 - 13.3.11.2 Product Portfolio
 - 13.3.11.3 Financials
 - 13.3.11.4 SWOT Analysis
- 13.3.12 Systec GmbH
 - 13.3.12.1 Company Overview
 - 13.3.12.2 Product Portfolio

List Of Tables

LIST OF TABLES

Table 1: Global: Sterilization Equipment Market: Key Industry Highlights, 2022 and 2028

Table 2: Global: Sterilization Equipment Market Forecast: Breakup by Product (in Million US\$), 2023-2028

Table 3: Global: Sterilization Equipment Market Forecast: Breakup by End User (in Million US\$), 2023-2028

Table 4: Global: Sterilization Equipment Market Forecast: Breakup by Region (in Million US\$), 2023-2028

Table 5: Global: Sterilization Equipment Market: Competitive Structure

Table 6: Global: Sterilization Equipment Market: Key Players

List Of Figures

LIST OF FIGURES

Figure 1: Global: Sterilization Equipment Market: Major Drivers and Challenges

Figure 2: Global: Sterilization Equipment Market: Sales Value (in Billion US\$), 2017-2022

Figure 3: Global: Sterilization Equipment Market Forecast: Sales Value (in Billion US\$), 2023-2028

Figure 4: Global: Sterilization Equipment Market: Breakup by Product (in %), 2022

Figure 5: Global: Sterilization Equipment Market: Breakup by End User (in %), 2022

Figure 6: Global: Sterilization Equipment Market: Breakup by Region (in %), 2022

Figure 7: Global: Sterilization Equipment (Heat Sterilizers) Market: Sales Value (in Million US\$), 2017 & 2022

Figure 8: Global: Sterilization Equipment (Heat Sterilizers) Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 9: Global: Sterilization Equipment (Low-temperature Sterilizers) Market: Sales Value (in Million US\$), 2017 & 2022

Figure 10: Global: Sterilization Equipment (Low-temperature Sterilizers) Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 11: Global: Sterilization Equipment (Sterile Membrane Filters) Market: Sales Value (in Million US\$), 2017 & 2022

Figure 12: Global: Sterilization Equipment (Sterile Membrane Filters) Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 13: Global: Sterilization Equipment (Radiation Sterilization Devices) Market: Sales Value (in Million US\$), 2017 & 2022

Figure 14: Global: Sterilization Equipment (Radiation Sterilization Devices) Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 15: Global: Sterilization Equipment (Hospitals and Clinics) Market: Sales Value (in Million US\$), 2017 & 2022

Figure 16: Global: Sterilization Equipment (Hospitals and Clinics) Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 17: Global: Sterilization Equipment (Medical Device Companies) Market: Sales Value (in Million US\$), 2017 & 2022

Figure 18: Global: Sterilization Equipment (Medical Device Companies) Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 19: Global: Sterilization Equipment (Pharmaceutical Companies) Market: Sales Value (in Million US\$), 2017 & 2022

Figure 20: Global: Sterilization Equipment (Pharmaceutical Companies) Market

Forecast: Sales Value (in Million US\$), 2023-2028

Figure 21: Global: Sterilization Equipment (Food and Beverages Industry) Market: Sales Value (in Million US\$), 2017 & 2022

Figure 22: Global: Sterilization Equipment (Food and Beverages Industry) Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 23: Global: Sterilization Equipment (Other End Users) Market: Sales Value (in Million US\$), 2017 & 2022

Figure 24: Global: Sterilization Equipment (Other End Users) Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 25: North America: Sterilization Equipment Market: Sales Value (in Million US\$), 2017 & 2022

Figure 26: North America: Sterilization Equipment Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 27: United States: Sterilization Equipment Market: Sales Value (in Million US\$), 2017 & 2022

Figure 28: United States: Sterilization Equipment Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 29: Canada: Sterilization Equipment Market: Sales Value (in Million US\$), 2017 & 2022

Figure 30: Canada: Sterilization Equipment Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 31: Asia-Pacific: Sterilization Equipment Market: Sales Value (in Million US\$), 2017 & 2022

Figure 32: Asia-Pacific: Sterilization Equipment Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 33: China: Sterilization Equipment Market: Sales Value (in Million US\$), 2017 & 2022

Figure 34: China: Sterilization Equipment Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 35: Japan: Sterilization Equipment Market: Sales Value (in Million US\$), 2017 & 2022

Figure 36: Japan: Sterilization Equipment Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 37: India: Sterilization Equipment Market: Sales Value (in Million US\$), 2017 & 2022

Figure 38: India: Sterilization Equipment Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 39: South Korea: Sterilization Equipment Market: Sales Value (in Million US\$), 2017 & 2022

Figure 40: South Korea: Sterilization Equipment Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 41: Australia: Sterilization Equipment Market: Sales Value (in Million US\$), 2017 & 2022

Figure 42: Australia: Sterilization Equipment Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 43: Indonesia: Sterilization Equipment Market: Sales Value (in Million US\$), 2017 & 2022

Figure 44: Indonesia: Sterilization Equipment Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 45: Others: Sterilization Equipment Market: Sales Value (in Million US\$), 2017 & 2022

Figure 46: Others: Sterilization Equipment Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 47: Europe: Sterilization Equipment Market: Sales Value (in Million US\$), 2017 & 2022

Figure 48: Europe: Sterilization Equipment Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 49: Germany: Sterilization Equipment Market: Sales Value (in Million US\$), 2017 & 2022

Figure 50: Germany: Sterilization Equipment Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 51: France: Sterilization Equipment Market: Sales Value (in Million US\$), 2017 & 2022

Figure 52: France: Sterilization Equipment Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 53: United Kingdom: Sterilization Equipment Market: Sales Value (in Million US\$), 2017 & 2022

Figure 54: United Kingdom: Sterilization Equipment Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 55: Italy: Sterilization Equipment Market: Sales Value (in Million US\$), 2017 & 2022

Figure 56: Italy: Sterilization Equipment Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 57: Spain: Sterilization Equipment Market: Sales Value (in Million US\$), 2017 & 2022

Figure 58: Spain: Sterilization Equipment Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 59: Russia: Sterilization Equipment Market: Sales Value (in Million US\$), 2017 &

2022

Figure 60: Russia: Sterilization Equipment Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 61: Others: Sterilization Equipment Market: Sales Value (in Million US\$), 2017 & 2022

Figure 62: Others: Sterilization Equipment Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 63: Latin America: Sterilization Equipment Market: Sales Value (in Million US\$), 2017 & 2022

Figure 64: Latin America: Sterilization Equipment Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 65: Brazil: Sterilization Equipment Market: Sales Value (in Million US\$), 2017 & 2022

Figure 66: Brazil: Sterilization Equipment Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 67: Mexico: Sterilization Equipment Market: Sales Value (in Million US\$), 2017 & 2022

Figure 68: Mexico: Sterilization Equipment Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 69: Others: Sterilization Equipment Market: Sales Value (in Million US\$), 2017 & 2022

Figure 70: Others: Sterilization Equipment Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 71: Middle East and Africa: Sterilization Equipment Market: Sales Value (in Million US\$), 2017 & 2022

Figure 72: Middle East and Africa: Sterilization Equipment Market: Breakup by Country (in %), 2022

Figure 73: Middle East and Africa: Sterilization Equipment Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 74: Global: Sterilization Equipment Industry: SWOT Analysis

Figure 75: Global: Sterilization Equipment Industry: Value Chain Analysis

Figure 76: Global: Sterilization Equipment Industry: Porter's Five Forces Analysis

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