

## **Aerosol Spray Steriliser Market By Type (Desktop, Portable) , By End User (Healthcare Facilities, Educational Institutions, Others) : Global Opportunity Analysis and Industry Forecast, 2024-2033**

Market Report | 2024-07-01 | 228 pages | Allied Market Research

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### **Report description:**

Aerosol Spray Steriliser Market

The aerosol spray steriliser market was valued at \$0.6 billion in 2023 and is projected to reach \$1.1 billion by 2033, growing at a CAGR of 6.6% from 2024 to 2033.

An aerosol spray steriliser is a dispensing device designed to disinfect surfaces or environments by producing a fine mist of chemical agents. Chemicals are dispersed in the form of aerosol to ensure even coverage and penetration into inaccessible areas. The common chemicals sprayed using steriliser include alcohol, hydrogen peroxide, or quaternary ammonium compounds. The sterilisers are significantly used in laboratories, healthcare settings, food processing industries, and public spaces. The quick and thorough disinfection using aerosol spray steriliser makes it an indispensable tool for hygiene maintenance and infection control.

Surge in hygiene awareness among individuals after the COVID-19 pandemic has notably boosted the demand for aerosol spray sterilisers. In addition, the device is highly versatile, catering to various applications and environments, which augments the growth of the market. Currently, sustainability is an emerging trend in the aerosol spray steriliser market. To cater to sustainability requirements, researchers are working to develop a laser-based aerosol steriliser, having the ability to decontaminate surroundings in an ultra-rapid and sustainable way. The benefits of laser-based sterilisers include effective ventilation in indoor spaces with minimal to no ventilation, control of multi-drug-resistant bacteria, and real-time sterilization.

However, aerosol spray sterilisers potentially cause respiratory allergies and irritations in several individuals which limits its adoption, hence restraining the development of the market. The severe health and environmental hazards of using aerosol spray sterilisers have led to the implementation of stringent government regulation, which hamper the growth of the market. For instance, the Biocidal Products Regulation in the European Union has imposed a rigorous authorization process for the release of biocidal products, including sterilisers, into the market. The Federal Insecticide, Fungicide, and Rodenticide Act by the U.S.

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Environmental Protection Agency has mandated the registration of sterilisers with comprehensive description and labelling, to ensure they are safe for humans and the environment.

#### Segment Review

The aerosol spray steriliser market is segmented on the basis of type, end user, and region. On the basis of type, the market is bifurcated into desktop and portable. As per end user, it is divided into healthcare facilities, educational institutions, and others. Region wise, it is analyzed across North America, Europe, Asia-Pacific, and LAMEA.

#### Key Findings

On the basis of type, the portable segment held the highest market share in 2023.

As per end user, the healthcare facilities segment acquired a high market share in 2023.

Region wise, North America is projected to be the highest revenue generator by 2033.

#### Competition Analysis

The major players operating in the global aerosol spray steriliser market include Graco Inc., Haier Inc., Ebele Cosmeceuticals, The Clorox Company, Ecolab, Reckitt Benckiser Group plc, AquaB Nanobubble Innovations Ltd, S.C. Johnson & Son Inc., The Claire Manufacturing Company, and 3M. These players have adopted various key developmental strategies such as business expansion, new product launches, and partnerships to strengthen their foothold in the market.

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#### Key Market Segments

##### By Type

- Desktop
- Portable

##### By End User

- Healthcare Facilities
- Educational Institutions
- Others

##### By Region

- North America
- U.S.

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- Rest of Asia-Pacific
- LAMEA
- Brazil
- Saudi Arabia
- South Africa
- Rest of LAMEA
- Key Market Players
- Graco Inc.
- Haier Inc.
- Ebele Cosmeceuticals
- The Clorox Company
- Ecolab
- Reckitt Benckiser Group plc
- AquaB Nanobubble Innovations Ltd
- S.C. Johnson & Son Inc.
- The Claire Manufacturing Company
- 3M

## **Table of Contents:**

### CHAPTER 1: INTRODUCTION

- 1.1. Report Description
- 1.2. Key Market Segments
- 1.3. Key Benefits
- 1.4. Research Methodology
  - 1.4.1. Primary Research
  - 1.4.2. Secondary Research
  - 1.4.3. Analyst Tools and Models

### CHAPTER 2: EXECUTIVE SUMMARY

- 2.1. CXO Perspective

### CHAPTER 3: MARKET LANDSCAPE

- 3.1. Market Definition and Scope
- 3.2. Key Findings

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- 3.2.1. Top Investment Pockets
- 3.2.2. Top Winning Strategies
- 3.3. Porter's Five Forces Analysis
  - 3.3.1. Bargaining Power of Suppliers
  - 3.3.2. Threat of New Entrants
  - 3.3.3. Threat of Substitutes
  - 3.3.4. Competitive Rivalry
  - 3.3.5. Bargaining Power among Buyers
- 3.4. Market Dynamics
  - 3.4.1. Drivers
  - 3.4.2. Restraints
  - 3.4.3. Opportunities

#### CHAPTER 4: AI MEDICAL DIAGNOSIS APP MARKET, BY APPLICATION

- 4.1. Market Overview
  - 4.1.1 Market Size and Forecast, By Application
- 4.2. Radiology
  - 4.2.1. Key Market Trends, Growth Factors and Opportunities
  - 4.2.2. Market Size and Forecast, By Region
  - 4.2.3. Market Share Analysis, By Country
- 4.3. Pathology
  - 4.3.1. Key Market Trends, Growth Factors and Opportunities
  - 4.3.2. Market Size and Forecast, By Region
  - 4.3.3. Market Share Analysis, By Country
- 4.4. Cardiology
  - 4.4.1. Key Market Trends, Growth Factors and Opportunities
  - 4.4.2. Market Size and Forecast, By Region
  - 4.4.3. Market Share Analysis, By Country
- 4.5. Dermatology
  - 4.5.1. Key Market Trends, Growth Factors and Opportunities
  - 4.5.2. Market Size and Forecast, By Region
  - 4.5.3. Market Share Analysis, By Country
- 4.6. Other
  - 4.6.1. Key Market Trends, Growth Factors and Opportunities
  - 4.6.2. Market Size and Forecast, By Region
  - 4.6.3. Market Share Analysis, By Country

#### CHAPTER 5: AI MEDICAL DIAGNOSIS APP MARKET, BY DEPLOYMENT MODEL

- 5.1. Market Overview
  - 5.1.1 Market Size and Forecast, By Deployment Model
- 5.2. Cloud-based
  - 5.2.1. Key Market Trends, Growth Factors and Opportunities
  - 5.2.2. Market Size and Forecast, By Region
  - 5.2.3. Market Share Analysis, By Country
- 5.3. On-premises
  - 5.3.1. Key Market Trends, Growth Factors and Opportunities
  - 5.3.2. Market Size and Forecast, By Region
  - 5.3.3. Market Share Analysis, By Country

#### CHAPTER 6: AI MEDICAL DIAGNOSIS APP MARKET, BY END USER

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- 6.1. Market Overview
  - 6.1.1 Market Size and Forecast, By End User
- 6.2. Hospitals
  - 6.2.1. Key Market Trends, Growth Factors and Opportunities
  - 6.2.2. Market Size and Forecast, By Region
  - 6.2.3. Market Share Analysis, By Country
- 6.3. Diagnostic Centers
  - 6.3.1. Key Market Trends, Growth Factors and Opportunities
  - 6.3.2. Market Size and Forecast, By Region
  - 6.3.3. Market Share Analysis, By Country
- 6.4. Clinics
  - 6.4.1. Key Market Trends, Growth Factors and Opportunities
  - 6.4.2. Market Size and Forecast, By Region
  - 6.4.3. Market Share Analysis, By Country
- 6.5. Others
  - 6.5.1. Key Market Trends, Growth Factors and Opportunities
  - 6.5.2. Market Size and Forecast, By Region
  - 6.5.3. Market Share Analysis, By Country
- CHAPTER 7: AI MEDICAL DIAGNOSIS APP MARKET, BY REGION
  - 7.1. Market Overview
    - 7.1.1 Market Size and Forecast, By Region
  - 7.2. North America
    - 7.2.1. Key Market Trends and Opportunities
    - 7.2.2. Market Size and Forecast, By Application
    - 7.2.3. Market Size and Forecast, By Deployment Model
    - 7.2.4. Market Size and Forecast, By End User
    - 7.2.5. Market Size and Forecast, By Country
    - 7.2.6. U.S. AI Medical Diagnosis App Market
      - 7.2.6.1. Market Size and Forecast, By Application
      - 7.2.6.2. Market Size and Forecast, By Deployment Model
      - 7.2.6.3. Market Size and Forecast, By End User
    - 7.2.7. Canada AI Medical Diagnosis App Market
      - 7.2.7.1. Market Size and Forecast, By Application
      - 7.2.7.2. Market Size and Forecast, By Deployment Model
      - 7.2.7.3. Market Size and Forecast, By End User
    - 7.2.8. Mexico AI Medical Diagnosis App Market
      - 7.2.8.1. Market Size and Forecast, By Application
      - 7.2.8.2. Market Size and Forecast, By Deployment Model
      - 7.2.8.3. Market Size and Forecast, By End User
  - 7.3. Europe
    - 7.3.1. Key Market Trends and Opportunities
    - 7.3.2. Market Size and Forecast, By Application
    - 7.3.3. Market Size and Forecast, By Deployment Model
    - 7.3.4. Market Size and Forecast, By End User
    - 7.3.5. Market Size and Forecast, By Country
    - 7.3.6. France AI Medical Diagnosis App Market
      - 7.3.6.1. Market Size and Forecast, By Application

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- 7.3.6.2. Market Size and Forecast, By Deployment Model
- 7.3.6.3. Market Size and Forecast, By End User
- 7.3.7. Germany AI Medical Diagnosis App Market
  - 7.3.7.1. Market Size and Forecast, By Application
  - 7.3.7.2. Market Size and Forecast, By Deployment Model
  - 7.3.7.3. Market Size and Forecast, By End User
- 7.3.8. Italy AI Medical Diagnosis App Market
  - 7.3.8.1. Market Size and Forecast, By Application
  - 7.3.8.2. Market Size and Forecast, By Deployment Model
  - 7.3.8.3. Market Size and Forecast, By End User
- 7.3.9. Spain AI Medical Diagnosis App Market
  - 7.3.9.1. Market Size and Forecast, By Application
  - 7.3.9.2. Market Size and Forecast, By Deployment Model
  - 7.3.9.3. Market Size and Forecast, By End User
- 7.3.10. UK AI Medical Diagnosis App Market
  - 7.3.10.1. Market Size and Forecast, By Application
  - 7.3.10.2. Market Size and Forecast, By Deployment Model
  - 7.3.10.3. Market Size and Forecast, By End User
- 7.3.11. Rest of Europe AI Medical Diagnosis App Market
  - 7.3.11.1. Market Size and Forecast, By Application
  - 7.3.11.2. Market Size and Forecast, By Deployment Model
  - 7.3.11.3. Market Size and Forecast, By End User
- 7.4. Asia-Pacific
  - 7.4.1. Key Market Trends and Opportunities
  - 7.4.2. Market Size and Forecast, By Application
  - 7.4.3. Market Size and Forecast, By Deployment Model
  - 7.4.4. Market Size and Forecast, By End User
  - 7.4.5. Market Size and Forecast, By Country
  - 7.4.6. China AI Medical Diagnosis App Market
    - 7.4.6.1. Market Size and Forecast, By Application
    - 7.4.6.2. Market Size and Forecast, By Deployment Model
    - 7.4.6.3. Market Size and Forecast, By End User
  - 7.4.7. Japan AI Medical Diagnosis App Market
    - 7.4.7.1. Market Size and Forecast, By Application
    - 7.4.7.2. Market Size and Forecast, By Deployment Model
    - 7.4.7.3. Market Size and Forecast, By End User
  - 7.4.8. India AI Medical Diagnosis App Market
    - 7.4.8.1. Market Size and Forecast, By Application
    - 7.4.8.2. Market Size and Forecast, By Deployment Model
    - 7.4.8.3. Market Size and Forecast, By End User
  - 7.4.9. South Korea AI Medical Diagnosis App Market
    - 7.4.9.1. Market Size and Forecast, By Application
    - 7.4.9.2. Market Size and Forecast, By Deployment Model
    - 7.4.9.3. Market Size and Forecast, By End User
  - 7.4.10. Australia AI Medical Diagnosis App Market
    - 7.4.10.1. Market Size and Forecast, By Application
    - 7.4.10.2. Market Size and Forecast, By Deployment Model

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- 7.4.10.3. Market Size and Forecast, By End User
- 7.4.11. Rest of Asia-Pacific AI Medical Diagnosis App Market
  - 7.4.11.1. Market Size and Forecast, By Application
  - 7.4.11.2. Market Size and Forecast, By Deployment Model
  - 7.4.11.3. Market Size and Forecast, By End User
- 7.5. LAMEA
  - 7.5.1. Key Market Trends and Opportunities
  - 7.5.2. Market Size and Forecast, By Application
  - 7.5.3. Market Size and Forecast, By Deployment Model
  - 7.5.4. Market Size and Forecast, By End User
  - 7.5.5. Market Size and Forecast, By Country
  - 7.5.6. Brazil AI Medical Diagnosis App Market
    - 7.5.6.1. Market Size and Forecast, By Application
    - 7.5.6.2. Market Size and Forecast, By Deployment Model
    - 7.5.6.3. Market Size and Forecast, By End User
  - 7.5.7. South Africa AI Medical Diagnosis App Market
    - 7.5.7.1. Market Size and Forecast, By Application
    - 7.5.7.2. Market Size and Forecast, By Deployment Model
    - 7.5.7.3. Market Size and Forecast, By End User
  - 7.5.8. Saudi Arabia AI Medical Diagnosis App Market
    - 7.5.8.1. Market Size and Forecast, By Application
    - 7.5.8.2. Market Size and Forecast, By Deployment Model
    - 7.5.8.3. Market Size and Forecast, By End User
  - 7.5.9. Rest of LAMEA AI Medical Diagnosis App Market
    - 7.5.9.1. Market Size and Forecast, By Application
    - 7.5.9.2. Market Size and Forecast, By Deployment Model
    - 7.5.9.3. Market Size and Forecast, By End User

## CHAPTER 8: COMPETITIVE LANDSCAPE

- 8.1. Introduction
- 8.2. Top Winning Strategies
- 8.3. Product Mapping of Top 10 Player
- 8.4. Competitive Dashboard
- 8.5. Competitive Heatmap
- 8.6. Top Player Positioning, 2023

## CHAPTER 9: COMPANY PROFILES

- 9.1. Microsoft NVIDIA Corporation
  - 9.1.1. Company Overview
  - 9.1.2. Key Executives
  - 9.1.3. Company Snapshot
  - 9.1.4. Operating Business Segments
  - 9.1.5. Product Portfolio
  - 9.1.6. Business Performance
  - 9.1.7. Key Strategic Moves and Developments
- 9.2. Merative Intel Corporation
  - 9.2.1. Company Overview
  - 9.2.2. Key Executives
  - 9.2.3. Company Snapshot

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- 9.2.4. Operating Business Segments
- 9.2.5. Product Portfolio
- 9.2.6. Business Performance
- 9.2.7. Key Strategic Moves and Developments
- 9.3. Siemens Healthineers
  - 9.3.1. Company Overview
  - 9.3.2. Key Executives
  - 9.3.3. Company Snapshot
  - 9.3.4. Operating Business Segments
  - 9.3.5. Product Portfolio
  - 9.3.6. Business Performance
  - 9.3.7. Key Strategic Moves and Developments
- 9.4. GE HealthCare
  - 9.4.1. Company Overview
  - 9.4.2. Key Executives
  - 9.4.3. Company Snapshot
  - 9.4.4. Operating Business Segments
  - 9.4.5. Product Portfolio
  - 9.4.6. Business Performance
  - 9.4.7. Key Strategic Moves and Developments
- 9.5. Digital Diagnostics Inc.
  - 9.5.1. Company Overview
  - 9.5.2. Key Executives
  - 9.5.3. Company Snapshot
  - 9.5.4. Operating Business Segments
  - 9.5.5. Product Portfolio
  - 9.5.6. Business Performance
  - 9.5.7. Key Strategic Moves and Developments
- 9.6. Advanced Micro Devices, Inc
  - 9.6.1. Company Overview
  - 9.6.2. Key Executives
  - 9.6.3. Company Snapshot
  - 9.6.4. Operating Business Segments
  - 9.6.5. Product Portfolio
  - 9.6.6. Business Performance
  - 9.6.7. Key Strategic Moves and Developments
- 9.7. InformAI
  - 9.7.1. Company Overview
  - 9.7.2. Key Executives
  - 9.7.3. Company Snapshot
  - 9.7.4. Operating Business Segments
  - 9.7.5. Product Portfolio
  - 9.7.6. Business Performance
  - 9.7.7. Key Strategic Moves and Developments
- 9.8. HeartFlow, Inc.
  - 9.8.1. Company Overview
  - 9.8.2. Key Executives

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- 9.8.3. Company Snapshot
- 9.8.4. Operating Business Segments
- 9.8.5. Product Portfolio
- 9.8.6. Business Performance
- 9.8.7. Key Strategic Moves and Developments
- 9.9. Enlitic, Inc.
  - 9.9.1. Company Overview
  - 9.9.2. Key Executives
  - 9.9.3. Company Snapshot
  - 9.9.4. Operating Business Segments
  - 9.9.5. Product Portfolio
  - 9.9.6. Business Performance
  - 9.9.7. Key Strategic Moves and Developments
- 9.10. Icometrix
  - 9.10.1. Company Overview
  - 9.10.2. Key Executives
  - 9.10.3. Company Snapshot
  - 9.10.4. Operating Business Segments
  - 9.10.5. Product Portfolio
  - 9.10.6. Business Performance
  - 9.10.7. Key Strategic Moves and Developments
- 9.11. Aidence
  - 9.11.1. Company Overview
  - 9.11.2. Key Executives
  - 9.11.3. Company Snapshot
  - 9.11.4. Operating Business Segments
  - 9.11.5. Product Portfolio
  - 9.11.6. Business Performance
  - 9.11.7. Key Strategic Moves and Developments
- 9.12. Butterfly Network, Inc.
  - 9.12.1. Company Overview
  - 9.12.2. Key Executives
  - 9.12.3. Company Snapshot
  - 9.12.4. Operating Business Segments
  - 9.12.5. Product Portfolio
  - 9.12.6. Business Performance
  - 9.12.7. Key Strategic Moves and Developments

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