

Disinfection Robots Market by Type (UV Light, Disinfectant Sprayer, Combined System), Technology (Autonomous, Semi-Autonomous), End User (Hospital, Transportation, Hospitality, Industries), and Geography - Global Forecast to 2028

<https://marketpublishers.com/r/DA9FA946626AEN.html>

Date: February 2022

Pages: 140

Price: US\$ 4,175.00 (Single User License)

ID: DA9FA946626AEN

Abstracts

Disinfection Robots Market by Type (UV Light, Disinfectant Sprayer, Combined System), Technology (Autonomous, Semi-Autonomous), End User (Hospital, Transportation, Hospitality, Industries), and Geography - Global Forecast to 2028

The global disinfection robots market is expected to grow at a CAGR of 30.1% from 2021 to 2028 to reach \$2.79 billion by 2028.

Following a comprehensive primary and secondary study and an in-depth analysis of the market scenario, this report provides the key drivers, constraints, challenges, and opportunities of the industry. The main driving factors are the rising prevalence of hospital-acquired infections (HAIs), favorable government efforts to deploy disinfection robots, and growing awareness about the benefits of using disinfection robots.

Furthermore, emerging economies and technological advancements in the field of robotics and artificial intelligence are expected to provide the industry with significant potential prospects in the future. However, the limitations of disinfection robots, such as the inability to disinfect dirt and organic soiling, may restrain the growth of this market. Additionally, the high initial cost, coupled with additional repair & maintenance costs, poses a major challenge for the players operating in this market.

In 2021, based on type, the ultraviolet light disinfection robots segment commanded the largest share of this market. The large market share of this segment is attributed to

these robots' capability to effectively disinfect a hospital room in a short duration, increasing incidences of hospital-acquired infections, and their capability to disinfect an area without the need for manual intervention.

In 2021, based on technology, the fully autonomous disinfection robots segment commanded the largest share of this market. The large market share of this segment is attributed to their self-navigation capabilities with the help of specialized sensors, minimal to a non-essential need for human intervention, and autonomous decision-making features.

In 2021, based on end user, the hospitals segment commanded the largest share of this market. The large market share of this segment is attributed to the rising adoption of advanced disinfection technologies in healthcare facilities to contain the COVID-19 outbreak and curb the spread of hospital-acquired infections (HAIs).

An in-depth analysis of the geographical scenario of the global disinfection robots market provides detailed qualitative and quantitative insights for the five major geographies (North America, Europe, Asia-Pacific, the Middle East & Africa, and Latin America) along with the coverage of major countries in each region.

In 2021, Europe commanded the largest share of the global disinfection robots market, followed by Europe, Asia-Pacific, Latin America, and the Middle East & Africa.

The key players operating in the global disinfection robots market are SESTO Robotics Pte. Ltd. (Singapore), UVD Robots (Denmark), PDI, Inc. (U.S.), Xenex Disinfection Services Inc. (U.S.), Nevoa Inc. (U.S.), Badger Technologies Inc (U.S.), Skytron, LLC (U.S.), Omron Corporation (Japan), Fetch Robotics, Inc. (U.S.), Finsen Technologies Ltd (U.K.), Taimi Robotics Technology Co. Ltd (China), Akara Robotics Ltd. (Ireland), Siemens AG (Germany), and Milagrow Business & Knowledge Solutions (Pvt.) Limited (India).

Scope of the Report:

Disinfection Robots Market, by Type

Ultraviolet Light Disinfection Robots

Disinfectant Spraying robots

Combined System Disinfection Robots

Disinfection Robots Market, by Technology

Fully Autonomous Disinfection Robots

Semi-autonomous Disinfection Robots

Disinfection Robots Market, by End User

Hospitals

Transportation

Industries

Hospitality

Others

Disinfection Robots Market, by Geography

North America

U.S.

Canada

Europe

Germany

France

U.K.

Italy

Spain

Switzerland

Rest of Europe (RoE)

Asia Pacific

China

Japan

India

South Korea

Singapore

Rest of APAC (RoAPAC)

Latin America

Middle East & Africa

Contents

1. INTRODUCTION

- 1.1. Market Definition
- 1.2. Market Ecosystem
- 1.3. Currency
- 1.4. Key Stakeholders

2. RESEARCH METHODOLOGY

- 2.1. Research Process
- 2.2. Data Collection & Validation
 - 2.2.1. Secondary Research
 - 2.2.2. Primary Research
- 2.3. Market Assessment
 - 2.3.1. Market Size Estimation
 - 2.3.1.1. Bottom-up Approach
 - 2.3.1.2. Top-down Approach
 - 2.3.1.3. Growth Forecast
 - 2.3.2. Market Share Analysis
- 2.4. Assumptions for the Study
- 2.5. Limitations for the Study

3. EXECUTIVE SUMMARY

4. MARKET INSIGHTS

- 4.1. Market Overview
- 4.2. Drivers
 - 4.2.1. High Incidence of Hospital-acquired Infections
 - 4.2.2. Improved Focus on Infection Control Due to Emerging Outbreaks of Infectious Diseases
 - 4.2.3. Focus on Reducing Reimbursement Payment Cuts Due to Hospital-Acquired Infections
 - 4.2.4. Advantages Over Manual Disinfection
- 4.3. Restraints
 - 4.3.1. Limitations of Disinfection Robots
- 4.4. Opportunities

- 4.4.1. Emerging Economies
- 4.4.2. Technological Advancements in the Field of Robotics
- 4.5. Challenges
 - 4.5.1. High Capital and Operational Cost
- 4.6. Impact of COVID-19 on the Global Disinfection Robots Market
- 4.7. Market Trends
 - 4.7.1. Launch of Advanced Disinfection Robots
 - 4.7.2. Companies Raising Funds
 - 4.7.3. Incorporation of Artificial Intelligence (AI) and 5G Technologies in Disinfection Robots
- 4.8. Pricing Analysis

5. GLOBAL DISINFECTION ROBOTS MARKET, BY TYPE

- 5.1. Introduction
- 5.2. Ultraviolet Light Disinfection Robots
- 5.3. Disinfectant Spraying Robots
- 5.4. Combined System Disinfection Robots

6. GLOBAL DISINFECTION ROBOTS MARKET, BY TECHNOLOGY

- 6.1. Introduction
- 6.2. Fully Autonomous Disinfection Robots
- 6.3. Semi-autonomous Disinfection Robots

7. GLOBAL DISINFECTION ROBOTS MARKET, BY END USER

- 7.1. Introduction
- 7.2. Hospitals
- 7.3. Transportation
- 7.4. Industries
- 7.5. Hospitality
- 7.6. Other End Users

8. GLOBAL DISINFECTION ROBOTS MARKET, BY GEOGRAPHY

- 8.1. Introduction
- 8.2. North America
 - 8.2.1. U.S.

- 8.2.2. Canada
- 8.3. Europe
 - 8.3.1. Germany
 - 8.3.2. France
 - 8.3.3. U.K.
 - 8.3.4. Italy
 - 8.3.5. Spain
 - 8.3.6. Switzerland
 - 8.3.7. Rest of Europe (ROE)
- 8.4. Asia-Pacific
 - 8.4.1. China
 - 8.4.2. Japan
 - 8.4.3. South Korea
 - 8.4.4. Singapore
 - 8.4.5. India
 - 8.4.6. Rest of Asia-Pacific (ROAPAC)
- 8.5. Latin America
- 8.6. Middle East & Africa

9. COMPETITIVE LANDSCAPE

- 9.1. Introduction
- 9.2. Key Growth Strategies
- 9.3. Competitive Benchmarking
- 9.4. Market Share Analysis (2020)
 - 9.4.1. UVD Robots (Subsidiary of Blue Ocean Robotics) (Denmark)
 - 9.4.2. Xenex Disinfection Services (U.S.)
 - 9.4.3. Skytron, LLC (U.S.)

10. COMPANY PROFILES (BUSINESS OVERVIEW, FINANCIAL OVERVIEW, PRODUCT PORTFOLIO, AND STRATEGIC DEVELOPMENTS)

- 10.1. SESTO Robotics Pte. Ltd.
- 10.2. UVD Robots (A Subsidiary of Blue Ocean Robotics)
- 10.3. PDI, Inc.
- 10.4. Xenex Disinfection Services Inc.
- 10.5. Nevoa Inc.
- 10.6. Badger Technologies, LLC. (a Subsidiary of Jabil Inc.)
- 10.7. Skytron, LLC

- 10.8. OMRON Corporation
- 10.9. Fetch Robotics, Inc. (a Subsidiary of Zebra Technologies Corporation)
- 10.10. Finsen Technologies LTD.
- 10.11. Taimi Robotics Technology Co.Ltd
- 10.12. Akara Robotics Ltd.
- 10.13. Siemens AG
- 10.14. Milagrow Business & Knowledge Solutions (Pvt.) Limited

11. APPENDIX

- 11.1. Questionnaire
- 11.2. Available Customization

List Of Tables

LIST OF TABLES

- Table 1 Disinfection Robots Market Drivers: Impact Analysis (2021–2028)
- Table 2 Common Type of Hospital-Acquired Infections (HAIs)
- Table 3 Disinfection Robots Market Restraints: Impact Analysis (2021–2028)
- Table 4 Recently Launched Disinfection Robots in Response to the COVID-19 Pandemic
- Table 5 Pricing of Disinfection Robots
- Table 6 Global Disinfection Robots Market Size, by Type, 2019-2028 (USD Million)
- Table 7 Key Companies Offering Ultraviolet Light Disinfection Robots
- Table 8 Global Ultraviolet Light Disinfection Robots Market Size, by Country/Region, 2019–2028 (USD Million)
- Table 9 Key Companies Offering Disinfectant Spraying Robots
- Table 10 Global Disinfectant Spraying Robots Market Size, by Country/Region, 2019–2028 (USD Million)
- Table 11 Key Companies Offering Combined System Disinfection Robots
- Table 12 Global Combined System Disinfection Robots Market Size, by Country/Region, 2019–2028 (USD Million)
- Table 13 Global Disinfection Robots Market Size, by Technology, 2019-2028 (USD Million)
- Table 14 Key Companies Offering Fully Autonomous Disinfection Robots
- Table 15 Global Fully Autonomous Disinfection Robots Market Size, by Country/Region, 2019–2028 (USD Million)
- Table 16 Key Companies Offering Semi-Autonomous & Teleoperated Disinfection Robots
- Table 17 Global Semi-Autonomous Disinfection Robots Market Size, by Country/Region, 2019–2028 (USD Million)
- Table 18 Global Disinfection Robots Market size, by End User, 2019-2028 (USD Million)
- Table 19 Global Disinfection Robots Market Size for Hospitals, by Country/Region, 2019–2028 (USD Million)
- Table 20 Global Disinfection Robots Market Size for Transportation, by Country/Region, 2019–2028 (USD Million)
- Table 21 Global Disinfection Robots Market Size for Industries, by Country/Region, 2019–2028 (USD Million)
- Table 22 Global Disinfection Robots Market Size for Hospitality, by Country/Region, 2019–2028 (USD Million)
- Table 23 Global Disinfection Robots Market Size for Other End Users, by

Country/Region, 2019–2028 (USD Million)

Table 24 Global Disinfection Robots Market Size, by Country/Region, 2019–2028 (USD Million)

Table 25 North America: Disinfection Robots Market Size, by Country, 2019–2028 (USD Million)

Table 26 North America: Disinfection Robots Market Size, by Type, 2019–2028 (USD Million)

Table 27 North America: Disinfection Robots Market Size, by Technology, 2019–2028 (USD Million)

Table 28 North America: Disinfection Robots Market Size, by End User, 2019–2028 (USD Million)

Table 29 HAI Standardized Infection Ratios in the U.S., Quarter-On-Quarter Comparison from 2019 to 2020

Table 30 U.S.: Disinfection Robots Market Size, by Type, 2019–2028 (USD Million)

Table 31 U.S.: Disinfection Robots Market Size, by Technology, 2019–2028 (USD Million)

Table 32 U.S.: Disinfection Robots Market Size, by End User, 2019–2028 (USD Million)

Table 33 Disinfection Robots Funded by NGEN COVID-19 Response Program

Table 34 Canada: Disinfection Robots Market Size, by Type, 2019–2028 (USD Million)

Table 35 Canada: Disinfection Robots Market Size, by Technology, 2019–2028 (USD Million)

Table 36 Canada: Disinfection Robots Market Size, by End User, 2019–2028 (USD Million)

Table 37 Europe: Disinfection Robots Market Size, by Country/Region, 2019–2028 (USD Million)

Table 38 Europe: Disinfection Robots Market Size, by Type, 2019–2028 (USD Million)

Table 39 Europe: Disinfection Robots Market Size, by Technology, 2019–2028 (USD Million)

Table 40 Europe: Disinfection Robots Market Size, by End User, 2019–2028 (USD Million)

Table 41 Germany: Disinfection Robots Market Size, by Type, 2019–2028 (USD Million)

Table 42 Germany: Disinfection Robots Market Size, by Technology, 2019–2028 (USD Million)

Table 43 Germany: Disinfection Robots Market Size, by End User, 2019–2028 (USD Million)

Table 44 France: Disinfection Robots Market Size, by Type, 2019–2028 (USD Million)

Table 45 France: Disinfection Robots Market Size, by Technology, 2019–2028 (USD Million)

Table 46 France: Disinfection Robots Market Size, by End User, 2019–2028 (USD Million)

Million)

Table 47 U.K.: Disinfection Robots Market Size, by Type, 2019–2028 (USD Million)

Table 48 U.K.: Disinfection Robots Market Size, by Technology, 2019–2028 (USD Million)

Table 49 U.K.: Disinfection Robots Market Size, by End User, 2019–2028 (USD Million)

Table 50 Italy: Disinfection Robots Market Size, by Type, 2019–2028 (USD Million)

Table 51 Italy: Disinfection Robots Market Size, by Technology, 2019–2028 (USD Million)

Table 52 Italy: Disinfection Robots Market Size, by End User, 2019–2028 (USD Million)

Table 53 Spain: Disinfection Robots Market Size, by Type, 2019–2028 (USD Million)

Table 54 Spain: Disinfection Robots Market Size, by Technology, 2019–2028 (USD Million)

Table 55 Spain: Disinfection Robots Market Size, by End User, 2019–2028 (USD Million)

Table 56 Switzerland: Disinfection Robots Market Size, by Type, 2019–2028 (USD Million)

Table 57 Switzerland: Disinfection Robots Market Size, by Technology, 2019–2028 (USD Million)

Table 58 Switzerland: Disinfection Robots Market Size, by End User, 2019–2028 (USD Million)

Table 59 ROE: Disinfection Robots Market Size, by Type, 2019–2028 (USD Million)

Table 60 ROE: Disinfection Robots Market Size, by Technology, 2019–2028 (USD Million)

Table 61 ROE: Disinfection Robots Market Size, by End User, 2019–2028 (USD Million)

Table 62 Asia-Pacific: Disinfection Robots Market Size, by Country/Region, 2019–2028 (USD MILLION)

Table 63 Asia-Pacific: Disinfection Robots Market Size, by Type, 2019–2028 (USD MILLION)

Table 64 Asia-Pacific: Disinfection Robots Market Size, by Technology, 2019–2028 (USD MILLION)

Table 65 Asia-Pacific: Disinfection Robots Market Size, by End User, 2019–2028 (USD MILLION)

Table 66 Some of the Companies Offering Disinfection Robots in China

Table 67 China: Disinfection Robots Market Size, by Type, 2019–2028 (USD MILLION)

Table 68 China: Disinfection Robots Market Size, by Technology, 2019–2028 (USD Million)

Table 69 China: Disinfection Robots Market Size, by End User, 2019–2028 (USD Million)

Table 70 Japan: Disinfection Robots Market Size, by Type, 2019–2028 (USD Million)

Table 71 Japan: Disinfection Robots Market Size, by Technology, 2019–2028 (USD Million)

Table 72 Japan: Disinfection Robots Market Size, by End User, 2019–2028 (USD Million)

Table 73 South Korea: Disinfection Robots Market Size, by Type, 2019–2028 (USD Million)

Table 74 South Korea: Disinfection Robots Market Size, by Technology, 2019–2028 (USD Million)

Table 75 South Korea: Disinfection Robots Market Size, by End User, 2019–2028 (USD Million)

Table 76 Singapore: Disinfection Robots Market Size, by Type, 2019–2028 (USD Million)

Table 77 Singapore: Disinfection Robots Market Size, by Technology, 2019–2028 (USD Million)

Table 78 Singapore: Disinfection Robots Market Size, by End User, 2019–2028 (USD Million)

Table 79 India: Disinfection Robots Market Size, by Type, 2019–2028 (USD Million)

Table 80 India: Disinfection Robots Market Size, by Technology, 2019–2028 (USD Million)

Table 81 India: Disinfection Robots Market Size, by End User, 2019–2028 (USD Million)

Table 82 ROAPAC: Disinfection Robots Market Size, by Type, 2019–2028 (USD Million)

Table 83 ROAPAC: Disinfection Robots Market Size, by Technology, 2019–2028 (USD Million)

Table 84 ROAPAC: Disinfection Robots Market Size, by End User, 2019–2028 (USD Million)

Table 85 Number of COVID-19 Cases in Latin America Countries

Table 86 Latin America: Disinfection Robots Market Size, by Type, 2019–2028 (USD Million)

Table 87 Latin America: Disinfection Robots Market Size, by Technology, 2019–2028 (USD Million)

Table 88 Latin America: Disinfection Robots Market Size, by End User, 2019–2028 (USD Million)

Table 89 Middle East & Africa: Disinfections Robots Market Size, by Type, 2019–2028 (USD Million)

Table 90 Middle East & Africa: Disinfections Robots Market Size, by Technology, 2019–2028 (USD Million)

Table 91 Middle East & Africa: Disinfections Robots Market Size, by End User, 2019–2028 (USD Million)

Table 92 Recent Developments, by Company, 2018-2021

List Of Figures

LIST OF FIGURES

Figure 1 Research Process

Figure 2 Key Secondary Sources

Figure 3 Primary Research Techniques

Figure 4 Key Executives Interviewed

Figure 5 Breakdown of Primary Interviews (Supply-Side & Demand-Side)

Figure 6 Market Size Estimation

Figure 7 Global Disinfection Robots Market Size, by Type, 2021 VS 2028 (USD Million)

Figure 8 Global Disinfection Robots Market Size, by Technology, 2021 Vs 2028 (USD Million)

Figure 9 Global Disinfection Robots Market Size, by End User, 2021 Vs 2028 (USD Million)

Figure 10 Disinfection Robots Market Size, by Geography

Figure 11 Market Dynamics

Figure 12 Global Disinfection Robots Market Size, by Type, 2021–2028 (USD Million)

Figure 13 Global Disinfection Robots Market Size, by Technology, 2021–2028 (USD Million)

Figure 14 Global Disinfection Robots Market Size, by End User, 2021–2028 (USD Million)

Figure 15 Global Disinfection Robots Market Size, by Geography, 2021–2028 (USD Million)

Figure 16 North America: Disinfection Robots Market Snapshot

Figure 17 Europe: Disinfection Robots Market Snapshot

Figure 18 Asia-Pacific: Disinfection Robots Market Snapshot

Figure 19 Key Growth Strategies Adopted by Leading Players, 2018-2021

Figure 20 Disinfection Robots: Competitive Benchmarking

Figure 21 Disinfection Robots Market: Competitive Benchmarking by Geography

Figure 22 Market Share Analysis: Disinfection Robots, 2020

Figure 23 Jabil Inc: Financial Overview, 2020

Figure 24 Omron Corporation: Financial Overview, 2020

Figure 25 Zebra Technologies Corporation: Financial Overview, 2020

Figure 26 Siemens AG: Financial Overview (2020)

I would like to order

Product name: Disinfection Robots Market by Type (UV Light, Disinfectant Sprayer, Combined System), Technology (Autonomous, Semi-Autonomous), End User (Hospital, Transportation, Hospitality, Industries), and Geography - Global Forecast to 2028

Product link: <https://marketpublishers.com/r/DA9FA946626AEN.html>

Price: US\$ 4,175.00 (Single User License / Electronic Delivery)

If you want to order Corporate License or Hard Copy, please, contact our Customer Service:

info@marketpublishers.com

Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <https://marketpublishers.com/r/DA9FA946626AEN.html>

To pay by Wire Transfer, please, fill in your contact details in the form below:

First name:
Last name:
Email:
Company:
Address:
City:
Zip code:
Country:
Tel:
Fax:
Your message:

****All fields are required**

Customer signature _____

Please, note that by ordering from marketpublishers.com you are agreeing to our Terms & Conditions at <https://marketpublishers.com/docs/terms.html>

To place an order via fax simply print this form, fill in the information below

and fax the completed form to +44 20 7900 3970