

Disinfection Robots Market by Product Type (UV-Disinfection Robot, Hydrogen Peroxide Vaporization Robot (HPV), and Others), Technology (Fully Autonomous Disinfection Robots, Semi-Autonomous Disinfection Robots), End User (Hospitals and Clinics, Research Institutes, and Others), and Region 2023-2028

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Abstracts

The global disinfection robots market size reached US\$ 878 Million in 2022. Looking forward, IMARC Group expects the market to reach US\$ 5,108 Million by 2028, exhibiting a growth rate (CAGR) of 33.7% during 2023-2028.

Disinfection robots are employed for cleaning rooms, spaces and equipment and keeping them hygienic. They prevent the spread of hospital-acquired infections (HAIs) and aid in improving patient safety and medical service quality. They are easy to install, convenient to operate, cause minimal errors compared to manual cleaning methods, and allow apparent cost savings by reducing the need for cleaning staff. As a result, disinfection robots are used in shopping malls, theaters, airports, educational institutes, hospitals, clinics, laboratories, and research institutes across the globe.

Disinfection Robots Market Trends:

The rising prevalence of various chronic disorders, coupled with a significant surge in HAIs, represents one of the key factors positively influencing the market. In addition, the increasing awareness among healthcare professionals about the benefits offered by disinfection robots over manual disinfection is providing a thrust to the market growth. Apart from this, the expansion of hospitals, clinics, surgical centers, and research laboratories is catalyzing the demand for disinfection robots across the globe.

Furthermore, there is a rise in the focus of numerous key players on introducing automated and innovative products equipped with advanced features, technologies, and software. They are also focusing on strategic collaborations with private and public healthcare centers to expand their market reach and increase overall sales. Besides this, the widespread adoption of advanced and well-designed portable robots is offering lucrative growth opportunities to key players. Additionally, governments of various countries are increasingly investing in the development of healthcare infrastructure, which is propelling the market growth. Moreover, the increasing use of disinfection robots in restaurants and hotels to disinfect the dining area, corridor, and other spaces is strengthening the market growth.

Key Market Segmentation:

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

Breakup by Product Type:

- UV-Disinfection Robot
- Hydrogen Peroxide Vaporization Robot (HPV)
- Others

Breakup by Technology:

- Fully Autonomous Disinfection Robots
- Semi-Autonomous Disinfection Robots

Breakup by End User:

- Hospitals and Clinics
- Research Institutes
- 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 Badger Technologies LLC (Jabil Inc.), Blue Ocean Robotics, Fetch Robotics Inc (Zebra Technologies Corporation), Finsen Technologies Ltd., Omron Corporation, PDI Healthcare Inc., SESTO Robotics Pte Ltd, Skytron LLC, Taimi Robotics Technology Co. Ltd. and Xenex Disinfection Services Inc. Kindly, note that this only represents a partial list of companies, and the complete list has been provided in the report.

Key Questions Answered in This Report:

How has the global disinfection robots market performed so far and how will it perform in the coming years?

What has been the impact of COVID-19 on the global disinfection robots market?

What are the key regional markets?

What is the breakup of the market based on the product type?

What is the breakup of the market based on the technology?

What is the breakup of the market based on the end user?

What are the various stages in the value chain of the industry?

What are the key driving factors and challenges in the industry?

What is the structure of the global disinfection robots market and who are the key players?

What is the degree of competition in the industry?

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