

Global Micro-Robots Market 2024 by Manufacturers, Regions, Type and Application, Forecast to 2030

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Abstracts

According to our (Global Info Research) latest study, the global Micro-Robots market size was valued at USD 486.1 million in 2023 and is forecast to a readjusted size of USD 1127.9 million by 2030 with a CAGR of 12.8% during review period.

Intuitive Surgical is the largest manufacturers of Micro-Robots in the world, has a share about 50%. Other players include QinetiQ, Medtronic, etc. North America is the largest market, has a share about 51%, followed by Europe, and China, with share 28% and 10%, separately. In terms of product type, Microsurgical Robot is the largest segment, occupied for a share of 49%, and in terms of application, Medical has a share about 42%.

The Global Info Research report includes an overview of the development of the Micro-Robots industry chain, the market status of Medical (Capsule Endoscopy Robot, Microsurgical Robot), Industrial (Capsule Endoscopy Robot, Microsurgical Robot), and key enterprises in developed and developing market, and analysed the cutting-edge technology, patent, hot applications and market trends of Micro-Robots.

Regionally, the report analyzes the Micro-Robots markets in key regions. North America and Europe are experiencing steady growth, driven by government initiatives and increasing consumer awareness. Asia-Pacific, particularly China, leads the global Micro-Robots market, with robust domestic demand, supportive policies, and a strong manufacturing base.

Key Features:

The report presents comprehensive understanding of the Micro-Robots market. It



provides a holistic view of the industry, as well as detailed insights into individual components and stakeholders. The report analysis market dynamics, trends, challenges, and opportunities within the Micro-Robots industry.

The report involves analyzing the market at a macro level:

Market Sizing and Segmentation: Report collect data on the overall market size, including the sales quantity (K Units), revenue generated, and market share of different by Type (e.g., Capsule Endoscopy Robot, Microsurgical Robot).

Industry Analysis: Report analyse the broader industry trends, such as government policies and regulations, technological advancements, consumer preferences, and market dynamics. This analysis helps in understanding the key drivers and challenges influencing the Micro-Robots market.

Regional Analysis: The report involves examining the Micro-Robots market at a regional or national level. Report analyses regional factors such as government incentives, infrastructure development, economic conditions, and consumer behaviour to identify variations and opportunities within different markets.

Market Projections: Report covers the gathered data and analysis to make future projections and forecasts for the Micro-Robots market. This may include estimating market growth rates, predicting market demand, and identifying emerging trends.

The report also involves a more granular approach to Micro-Robots:

Company Analysis: Report covers individual Micro-Robots manufacturers, suppliers, and other relevant industry players. This analysis includes studying their financial performance, market positioning, product portfolios, partnerships, and strategies.

Consumer Analysis: Report covers data on consumer behaviour, preferences, and attitudes towards Micro-Robots This may involve surveys, interviews, and analysis of consumer reviews and feedback from different by Application (Medical, Industrial).

Technology Analysis: Report covers specific technologies relevant to Micro-Robots. It assesses the current state, advancements, and potential future developments in Micro-Robots areas.

Competitive Landscape: By analyzing individual companies, suppliers, and consumers,



the report present insights into the competitive landscape of the Micro-Robots market. This analysis helps understand market share, competitive advantages, and potential areas for differentiation among industry players.

Market Validation: The report involves validating findings and projections through primary research, such as surveys, interviews, and focus groups.

Market Segmentation

Micro-Robots 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.

Market segment by Type

Capsule Endoscopy Robot

Microsurgical Robot

Pipe Robot

Others

Market segment by Application

Medical

Industrial

Military & Defense

Others

Major players covered

Intuitive Surgical



Qin	netiQ
Me	edtronic
Red	conRobotics
CU	JES Inc
IBA	AK Helmut Hunger
Stry	yker Corporation
IPE	EK International GmbH
Cho	ongqing Jinshan Science&Technology
Zim	nmer Biomet
Wu	uhan Easy-sight Technology
Sm	nith & Nephew
Wu	uhan Trio-Vision Technology
An	X Robotics
Market segment by region, regional analysis covers	
Nor	rth America (United States, Canada and Mexico)
Eur	rope (Germany, France, United Kingdom, Russia, Italy, and Rest of Europe)
Asi	ia-Pacific (China, Japan, Korea, India, Southeast Asia, and Australia)
Sou	uth America (Brazil, Argentina, Colombia, and Rest of South America)
Mid	ddle 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 Micro-Robots product scope, market overview, market estimation caveats and base year.

Chapter 2, to profile the top manufacturers of Micro-Robots, with price, sales, revenue and global market share of Micro-Robots from 2019 to 2024.

Chapter 3, the Micro-Robots competitive situation, sales quantity, revenue and global market share of top manufacturers are analyzed emphatically by landscape contrast.

Chapter 4, the Micro-Robots 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 application, with sales market share and growth rate by type, 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 2017 to 2023.and Micro-Robots market forecast, by regions, type and 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 Micro-Robots.

Chapter 14 and 15, to describe Micro-Robots sales channel, distributors, customers, research findings and conclusion.



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