

Space Robotics Market Size, Share, and Analysis, By Solution (Remote Manipulator System, Remotely Operated Vehicles, Services, Software), By Application (Ground, Near Space, Deep Space), By End User (Government, Commercial) and Regional Forecasts, 2022-2032

<https://marketpublishers.com/r/S666C49DF8F4EN.html>

Date: October 2023

Pages: 325

Price: US\$ 4,950.00 (Single User License)

ID: S666C49DF8F4EN

Abstracts

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PRODUCT OVERVIEW

Space Robotics Market size was USD 3.79 billion in 2021 and projected to grow from USD 4.4 billion in 2023 to USD 9 billion by 2032, exhibiting a CAGR of 8.2% during the forecast period.

Space robots are a type of robots which are self-controlled and are created to perform activities in space. These devices contain electrical, mechanical, and electronic parts like actuators, controller, sensors, communication system and power supply which perform activities replicating a living agent by exploring inaccessible areas by humans as they can sustain in the harsh environment of space. They are designed to execute the programmed tasks like maintenance, construction, servicing of spatial satellites, etc. over prolonged periods without the supervision of humans. Space robots are advantageous as they are cost effective, offer better productivity..

MARKET HIGHLIGHTS

Space Robotics Market is expected to reach USD 9 billion, growing at a CAGR of 8.2% during forecast period owing to the increasing investments in space robotics globally along with the growing demand for satellite launches. The merging of key market players to expand their business activities is also anticipated to boost market growth. The technological advancements in space industry by utilizing various software to improve flexibility and alter space missions is expected to drive demand for market growth. Robots improve the human ability to investigate and work in space by permitting better handling abilities. Space robots serve as a multi-disciplinary approach.

Space Robotics Market Segments:

Solution

Remote Manipulator System

Remotely Operated Vehicles

Services

Software

Application

Ground

Near Space

Deep Space

End User

Government

Commercial

MARKET DYNAMICS

Growth Drivers

Growing Expenditure on Space Robotics is Expected to Boost Market Growth

Growing Space Exploration Activities May Boost the Growth of the Market

Restraint

High Manufacturing Cost May Restrain the Growth of the Market

Key Players

Northrop Grumman Corporation

Space applications services nv/sa

Oceaneering International, Inc

Motiv space systems, inc.

Intuitive Machines, LLC

Altius Space Machines

Astrobotic Technology

ispace inc.

Honeybee robotics

Maxar Technologies

Olis Robotics

Other Prominent Players (Company Overview, Business Strategy, Key Product

Offerings, Financial Performance, Key Performance Indicators, Risk Analysis, Recent Development, Regional Presence, SWOT Analysis)

Global Laboratory Temperature Control Units Market is further segmented by region into:

North America Market Size, Share, Trends, Opportunities, Y-o-Y Growth, CAGR – United States and Canada

Latin America Market Size, Share, Trends, Opportunities, Y-o-Y Growth, CAGR – Mexico, Argentina, Brazil and Rest of Latin America

Europe Market Size, Share, Trends, Opportunities, Y-o-Y Growth, CAGR – United Kingdom, France, Germany, Italy, Spain, Belgium, Hungary, Luxembourg, Netherlands, Poland, NORDIC, Russia, Turkey and Rest of Europe

Asia Pacific Market Size, Share, Trends, Opportunities, Y-o-Y Growth, CAGR – India, China, South Korea, Japan, Malaysia, Indonesia, New Zealand, Australia and Rest of APAC

Middle East and Africa Market Size, Share, Trends, Opportunities, Y-o-Y Growth, CAGR – North Africa, Israel, GCC, South Africa and Rest of MENA

Reasons to Purchase this Report

Qualitative and quantitative analysis of the market based on segmentation involving both economic as well as non-economic factors

Provision of market value (USD Billion) data for each segment and sub-segment

Indicates the region and segment that is expected to witness the fastest growth as well as to dominate the market

Analysis by geography highlighting the consumption of the product/service in the region as well as indicating the factors that are affecting the market within each region

Competitive landscape which incorporates the market ranking of the major players, along with new service/product launches, partnerships, business expansions, and acquisitions in the past five years of companies profiled

Extensive company profiles comprising of company overview, company insights, product benchmarking, and SWOT analysis for the major market players

The current as well as the future market outlook of the industry with respect to recent developments which involve growth opportunities and drivers as well as challenges and restraints of both emerging as well as developed regions

Includes in-depth analysis of the market of various perspectives through Porter's five forces analysis

Provides insight into the market through Value Chain

Market dynamics scenario, along with growth opportunities of the market in the years to come

3-month post-sales analyst support.

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