

Medical Automation Technologies - Global Market Outlook (2017-2026)

<https://marketpublishers.com/r/MEB1CB40142EN.html>

Date: September 2018

Pages: 176

Price: US\$ 4,150.00 (Single User License)

ID: MEB1CB40142EN

Abstracts

According to Statistics MRC, the Global Medical Automation Technologies Market is accounted for \$60.8 billion in 2017 and is expected to reach \$138.9 billion by 2026 growing at a CAGR of 9.6% during the forecast period. The factors that are influencing the market growth include investment by venture capitalist and the increase in use of point of care testing devices (glucose meters, digital blood pressure monitors, pregnancy test kits and HIV test kits) in laboratories and pharmacies. However the tax imposed by the government on medical devices manufacturers and rigorous approval procedures to launch a product or services by companies is likely to hinder the market growth. The rising need of automation in various other medical fields represents the growth opportunities for this market.

Medical Automation Technologies is an independent of efficient, effective and equitable healthcare where it promotes the intersection of parallel revolutions in informatics interconnection, Nano application, biomedicines and process supervision. That individualized medicine, through many applications, can make improved health a much more possible goal. Technology advancements in Medical Automation robotics facilitate deployment of robots to handle time consuming tasks, reduce labor, prevent errors to improve patient safety and sustain business operations. They are more and more being used in supply chain functions, surgical procedures, clinical applications and cases.

By Medical Robotics And Computer-Assisted Surgical Devices, surgical robots has a significant growth during the forecast period. It is a type of invasive surgery which utilizes robotics for performing surgical procedures. Those robotic systems are operated by surgeons and consist of miniaturized surgical instruments which are mounted on robotic arms, thus allowing surgeons to complete the surgeries accurately.

By Geography, Asia-Pacific countries are emerging, including India and China where they offer high growth prospective for companies engaged in the development and marketing of automated solution for the healthcare industry. Growing elderly population, clinical research, orthopaedic diseases, increasing cases of cardiovascular disease cancer and life science research are the key elements propelling medical automation technologies market in Asia-Pacific.

Some of the key players in the market include Medtronic Inc., DePuy Synthes (Johnson & Johnson), Koninklijke Philips N.V., Ge Healthcare, Siemens Healthineers, Cardinal Health Inc, Stryker Corporation, Becton, Dickinson and Company, Baxter, Danaher Corporation, Stanley Black and Decker Inc., Intuitive Surgical, Swisslog Holding AG, Tecan Group Ltd., iCad INC, Given Imaging Ltd., Brainlab AG, Accuray Incorporated, Clearcount Medical Solutions, eScreen, Quiqmeds and Acrobot Company.

Automated Prescription Formulation And Dispensing Covered:

Packaging Machines

Intravenous Compounders

Dispensing Machines

Automated Health Assessment and Monitoring Covered:

Wearable Monitors

Telehealth Kiosks

Automated Home Monitoring and Telemetry

Automated Eye Examination Devices

Automated Drug Testing

Automated Imaging and Image Analysis Covered:

Endoscopic Capsules

Computer-aided detection

Automated Whole-Breast Ultrasound

Automated Skin Cancer Detection

Automated Radiography and Fluoroscopy

Automated Microscopy

Automated Healthcare Logistics, Resource and Personnel Trackings Covered:

Hospital Asset/Patient/Staff Tracking Systems

Automated Hospital Pickup and Delivery

Medical Robotics and Computer-Assisted Surgical Devices Covered:

Surgical Robots

Surgical Planners and Simulators

Intelligent Operating Rooms and Related Equipment

Surgical Navigation Systems

Automated Therapeutic (Nonsurgical) Procedures Covered:

Automated Medication Delivery Systems

Automated Defibrillators

Automated Laboratory Testing and Analysis Covered:

Central Laboratory Systems

Point-of-care Testing Systems

Regions Covered:

North America

US

Canada

Mexico

Europe

Germany

France

Italy

UK

Spain

Rest of Europe

Asia Pacific

Japan

China

India

Australia

New Zealand

South Korea

Rest of Asia Pacific

South America

Argentina

Brazil

Chile

Rest of South America

Middle East & Africa

Saudi Arabia

UAE

Qatar

South Africa

Rest of Middle East & Africa

WHAT OUR REPORT OFFERS:

Market share assessments for the regional and country level segments

Market share analysis of the top industry players

Strategic recommendations for the new entrants

Market forecasts for a minimum of 9 years of all the mentioned segments, sub segments and the regional markets

Market Trends (Drivers, Constraints, Opportunities, Threats, Challenges, Investment Opportunities, and recommendations)

Strategic recommendations in key business segments based on the market estimations

Competitive landscaping mapping the key common trends

Company profiling with detailed strategies, financials, and recent developments

Supply chain trends mapping the latest technological advancements

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