

3D Bioprinting - Global Market Outlook (2015-2022)

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Abstracts

According to Statistics MRC, the 3D bioprinting market is projected to reach \$6,120 million by 2022 growing at a CAGR of 17.4% from 2015 to 2022. Incorporation of IT within the healthcare industry is the key driving factor for the growth of 3D bioprinting market. Rapidly increasing aging population, rising incidence of chronic illnesses, huge investment in R & D, growing demand for organ and tissue transplants, technological advancements and limited number of organ donors are the factors driving the market growth. However, rapid production of bio drugs, lack of skilled professionals and increasing need for personalized medicine are the factors hindering the market growth.

Syringe based 3D bioprinting technology held the major share in 3D bioprinting market as adoption rate of this technology is very high. Whereas, laser based technology is expected to grow at a higher CAGR during the forecast period. Medical segment has dominant share in 3D bioprinting application market by accounting for more than 28% of share in total market. The growth of this application is mainly attributed to technological advancements in regeneration of organs and tissues.

North America is anticipated to be the largest market for 3D bioprinting. Factors such as rising aging population, incessant R & D activities, advanced healthcare infrastructure and huge disposable income are fueling the 3D bioprinting market in this region. However, Asia Pacific is expected to witness highest growth on account of rapidly expanding healthcare infrastructure, rising FDI investments, government initiatives, growing awareness about technology and technological advancements.

Some of the key players in global 3D bioprinting market include Bio3D Technologies, 3Dynamics Systems, Aspect Biosystems, Organovo Holding, Inc., Luxexcel Group BV, BioBots, 3D Systems, Cyfuse Biomedical, Oceanz, Materialise NV, Cellink, Solidscape, TeVido BioDevices, Envision TEC and Stratasy Ltd.

Technologies Covered:

Laser Based

Syringe Based

Magnetic Levitation

Inkjet Based

Other Technologies

Applications Covered:

Biosensors

Dental

Personal Product Testing

Food And Animal Product Bioprinting

Medical

Medical Pills

Prosthetics And Implants

Tissue And Organ Generation

Bioinks

Other Applications

Regions Covered:

North America

US

Canada

Mexico

Europe

Germany

France

Italy

UK

Spain

Rest of Europe

Asia Pacific

Japan

China

India

Australia

New Zealand

Rest of Asia Pacific

Rest of the World

Middle East

Brazil

Argentina

South Africa

Egypt

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 7 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 advancement

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