Global Desktop 3D Printer Market, By Technology, Light Polymerization, By Material, By Application and By Geography - Analysis & Forecast 2016-2022

Description:

“Global Desktop 3D Printer Market, By Technology (Material Extrusion (FFF/FDM), Light Polymerization (SLA, DLP) and Other (CJP, LDM, SDL)), By Material (Plastic, Photopolymers, Composites), By Application (Education & Art, Fashion & Aesthetics, Toys & Consumer Devices, Healthcare, Household Goods) and By Geography - Analysis & Forecast 2016-2022”

The ability to consolidate a number of components into a single complex part, create complex geometry parts and minimize the wastage of materials & cost in the consumer sector has led to desktop 3D printing technology to emerge as one of the most ideal solutions amongst the present day innovations. Desktop 3D printers are considered as the fastest-growing segment of 3D printing technology, because of lower cost of 3D printers, ease of use and easy portability.

Consumer/desktop 3D printing refers to the production of 3D objects with desktop 3D printers at homes/offices/schools. The global desktop 3D printer market is estimated to witness higher growth in terms of revenue as well as sales volume over the forecast period (2016-2022). The desktop 3D printer market in terms of revenue is estimated to grow at a CAGR of 26.2%, between 2016 and 2022. The main reason for this is the tremendous growth of 3D printing market in consumer sectors such as education & art, fashion & aesthetics, toys & consumer devices, household goods and healthcare among others.

The desktop 3D printer market comprises of various technology based desktop 3D printer technologies such as Fused Filament Fabrication (FFF), Stereolithography (SLA), Digital Light Processing (DLP) and Selective Deposition Lamination (SDL) among others; and materials such as plastics, photopolymers, composites, paper and wax among others.

The U.S. reported the highest market share of global desktop 3D printer market in terms of revenue ($ million) as well as sales volume (units) for the year 2015; whereas, China, India and Taiwan have the maximum potential to grow in the forecast period. If the desktop 3D printing industry has the prospects of growing with the same pace around the world, it will cross $2.35 billion in total market by the end of forecast period 2022. If sales volume is considered, China is expected to overtake the U.S. desktop 3D printer market by 2022 at an estimated CAGR of 36.6%.

The report is a compilation of different segments of Global desktop 3D printer market including market breakdown by 3DP materials, technologies, applications and different geographical areas. The sales volume & revenue generated from desktop 3D printers in the market has been tracked to calculate the market size. Under this section, the technologies by industrial verticals and its application areas which are shaping the market have been explained. Moreover, the market size (sales volume & revenue) of desktop 3D printers in different industrial verticals by different geographical regions have also been explained.

While highlighting the key driving and restraining forces for this market, the report also provides a detailed explanation of the materials and technologies used in desktop 3D printing and application areas of this market. It also analyzes the key players involved in the industry.

The report answers the following questions about the global desktop 3D printer market:

- What are the dominant materials and technologies used in desktop 3D printing market?
- What are the materials used for desktop 3D printing?
- What are the technologies used for desktop 3D printing?
- What are the different application areas of desktop 3D printer market?
- Which are the most sought-after materials and technologies in desktop 3D printing?
- What is the revenue generated by different segments such as 3DP materials, technologies, applications and geographies of desktop 3D printing market?
- What are the different factors driving the market in the forecast period?
- What are the major factors challenging the growth of desktop 3D printer market?
- What kind of new strategies are being adopted by existing market players to make a mark in the industry?
- Which region will lead the Global desktop 3D printer market by the end of forecast period?
The report puts special emphasis on the market share and size of the desktop 3D printer market, owing to the changing paradigms in the industry. The most often used strategy for gaining a better hold on to the market has been through product launches, followed by partnerships. Moreover, the company profile section includes highlights of significant information about the key companies involved along with their financial positions and SWOT analysis. Some of the key players involved in this market are XYZprinting Inc., 3D Systems, Stratasys Ltd., Ultimakare, M3D, FlashForge, Formlabs, Tinkerine Studios Ltd., Markforged, Zortrax, Shining 3D and Robo 3D.

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