

3D Printed Brain Model Market Expected to Reach USD 109.11 Million by 2030

3D Printed Brain Model Market Poised for Significant Growth, Driven by Advances in Technology and Growing Demand for Personalized Medicine



Austin, Texas Oct 25, 2023 ([IssueWire.com](https://www.issuewire.com)) - The global [3D printed brain model market](#) is expected to reach \$109.11 million by 2030, growing at a CAGR of 16.2% over the forecast period 2023-2030, according to a recent report by SNS Insider.

The growth of the market is attributed to a number of factors, including the rising prevalence of neurological disorders, the increasing demand for personalized medicine, and the advancements in 3D printing technology.

3D printed brain models are used for a variety of purposes, including medical education, surgical planning, research, and the development of new treatments. These models provide surgeons with a detailed and accurate replica of the patient's brain, which can help them to plan and execute complex surgeries more effectively.

In addition, 3D printed brain models are being used to develop new treatments for neurological disorders. For example, researchers are using these models to test new drugs and therapies for brain tumors, Alzheimer's disease, and Parkinson's disease.

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Major Players Listed in the Report are as Follows:

Form labs, 3D Systems, Rokit Healthcare Inc., Voxel jet, Med Prin, and other players.

3D Printed Brain Model Market Segmentation as Follows:

By Technology Type

- MultiJet/PolyJet Printing
- Stereolithography (SLA)
- Fused Deposition Modeling (FDM)
- ColorJet Printing
- Others

By Materials Type

- Plastics
- Polymer
- Others

Regional Outlook

The North American region is expected to dominate the 3D printed brain model market during the forecast period. This is due to the presence of a large number of healthcare providers and medical device companies in the region. Additionally, the region is home to a number of leading players in the 3D printing market.

The Asia Pacific region is expected to register the highest CAGR during the forecast period. This is due to the rising prevalence of neurological disorders and the increasing demand for personalized medicine in the region. Additionally, the region is witnessing a growing investment in the healthcare sector.

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Key Trends

One of the key trends in the 3D printed brain model market is the increasing demand for personalized models. These models are created using the patient's own medical data, such as MRI scans and CT scans. This allows surgeons to have a more accurate and detailed understanding of the patient's brain anatomy, which can lead to better surgical outcomes.

Another key trend in the market is the development of new 3D printing technologies. These technologies are enabling the creation of more complex and realistic brain models. Additionally, new materials are being developed that can be used to create 3D printed brain models with more realistic biomechanical properties.

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Conclusion

The 3D printed brain model market is expected to witness significant growth in the coming years. This is due to a number of factors, including the rising prevalence of neurological disorders, the increasing demand for personalized medicine, and the advancements in 3D printing technology.

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We assist our clients to anticipate industrial, economic, and consumer trends to drive disruptive change by fusing global experience with local information from experts throughout the world. We bring context to strategic and tactical data by bridging approaches based on data science and field research, assisting you in addressing your most pressing problems and spotting possibilities.

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