



stratasys[®]

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3D PRINTING FOR DENTAL
STRATASYS IS SHAPING DENTISTRY
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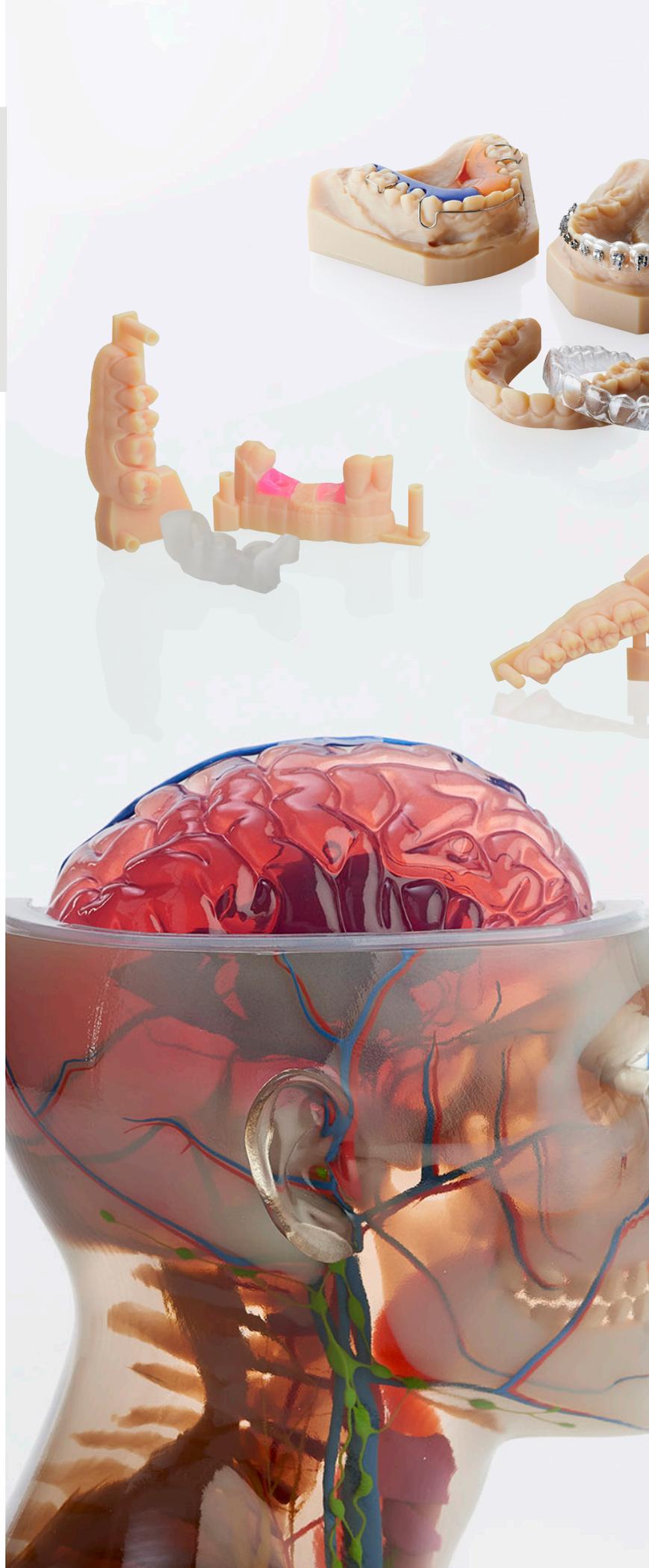


Multi-Color, Multi-Texture, One Print

Stratasys dental solutions help laboratories digitize the entire workflow in-house. Only Stratasys 3D Printers give you the versatility to print multiple parts using multiple materials for different applications at the same time.

Our solutions increase your productivity by eliminating many production steps. Our multi-material, multi-color 3D printers create unrivaled dental models and appliances leading to faster turnaround times and fewer remakes. PolyJet™ technology's mixed-tray capability allows simultaneous printing of parts with different properties.

Stratasys technology enables your laboratory to expand into new areas of business through added capabilities from 3D printing. Digitize your entire workflow and let Stratasys dental solutions pave the way to new levels of success in your laboratory.





SCALABLE SOLUTIONS

Stratasys offers scalable solutions that easily fit into the workflow of your laboratory, from entry-level 3D printers to multi-color, multi-material 3D production systems. Our dental printers deliver consistent, accurate models and appliances in specialized dental materials, ensuring a rapid return on investment. Each of our plug-and-play solutions offers ease-of-use, no digital design knowledge requirements and a clean, quiet, predictable process.



DESIGNED FOR VERSATILITY AND PRODUCTIVITY

Stratasys dental printers use PolyJet technology, capable of ultra-fine resolution down to 16 microns for dental models and appliances with fine details and smooth surfaces. PolyJet's multi-color, multi-material versatility means parts and models can be printed with variable textures and colors in a single print operation. Create realistic dental models that mimic hard surfaces (bone and teeth) and soft tissue (gums), all with realistic color. PolyJet biocompatible materials allow short-term mucosal-membrane contact up to 24 hours. Unlike other systems available on the market, this technology allows for the safe and immediate handling of printed parts.

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We believe that dentistry benefits profoundly from the advantages of 3D printing as part of the complete digital workflow. Stratasys has invested significant resources into developing technology specific to the dental marketplace and has the expertise necessary to stay on top of the industry's needs. When you partner with Stratasys, you benefit from the knowledge, accomplishments, clinical training and global experience of our dedicated dental team. Combined with our history of transformative 3D printing technology, Stratasys helps to ensure our solutions are the right fit for the dental industry's challenges and applications.

THE POWER OF 3D PRINTING

APPLICATIONS	KEY BENEFIT	STRATASYS SOLUTION	DELIVERING VALUE
Restorative	<ul style="list-style-type: none"> – Fast and efficient production at lower cost – Digital process reduces risk and provides peace of mind 	<ul style="list-style-type: none"> – PolyJet photopolymers offer fine detail and unmatched product realism 	<ul style="list-style-type: none"> – Bring the entire digital workflow in-house – Reduce overall turnaround time
Orthodontics	<ul style="list-style-type: none"> – Improves model consistency and accuracy for appliance fabrication – Digital storage allows appliances to be made without needing new impressions from the patient 	<ul style="list-style-type: none"> – Faster production time – Self-contained resin cartridge allows for safe, office-friendly production 	<ul style="list-style-type: none"> – Automation of appliance production improves workflow, allowing greater productivity – Digital dental record storage frees up physical office space
Implantology	<ul style="list-style-type: none"> – Fast, easy and cost-effective production of surgical guides – Implant model – one print run, multi-color, flexibility 	<ul style="list-style-type: none"> – Biocompatible material for surgical guides – PolyJet technology enables multi-material and multi-color in one print run 	<ul style="list-style-type: none"> – Cost effective in-house production of surgical guides offers predictability – Shorter, more streamlined production of implant models
Removables	<ul style="list-style-type: none"> – Reduced labor – Increased accuracy 	<ul style="list-style-type: none"> – Castable biocompatible material for partial and flexible partial frameworks – Realism and accuracy for denture try-in 	<ul style="list-style-type: none"> – More accurate removal appliances – Digital process reduces production labor

For more information on how Stratasys 3D Printing solutions create opportunities for growth for dental labs, contact:

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THE 3D PRINTING SOLUTIONS COMPANY

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