Unleash Your Imagination

Get never-before-seen multimaterial capabilities with the Stratasys® J735™ and Stratasys® J750™ 3D printers.

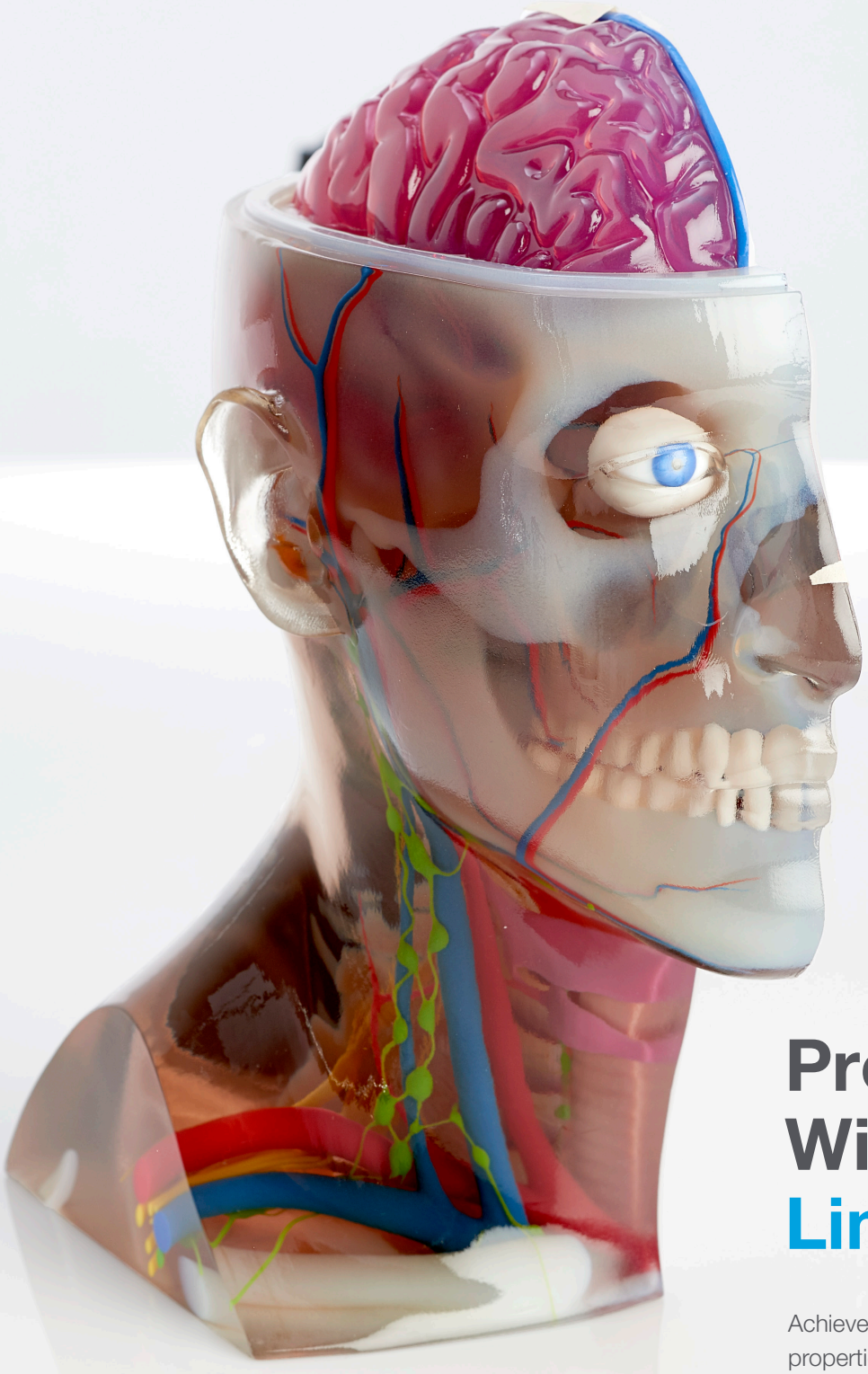
stratasys

Brochure

Unmatched
Product Realism

The Stratasys® J735™ and Stratasys® J750™ 3D printers deliver unrivaled aesthetic performance including true, full-color capability with texture mapping and color gradients.

Thanks to these printers' wide range of material properties, you can create prototypes that look, feel and operate like finished products, without the need for painting or assembly. With an astounding 500,000+ color combinations to choose from and multimaterial capability, the Stratasys J735 and Stratasys J750 allow you to bring even your most imaginative ideas to life.



Prototype Without Limitations

Achieve an array of colors and material properties, from rigid to flexible and opaque to transparent, all in one part — and one print.

Make parts that feature Digital ABS Plus™ alongside a variety of flexible Shore A values and/or translucencies. Plus, save time printing complex, intricate parts with the fastest PolyJet™ multimaterial 3D printer out there.

Streamline Your Workflow

GRABCAD PRINT

GrabCAD Print™ allows you to print directly from your favorite professional CAD formats, saving hours of time usually spent converting and fixing STL files. Lean on smart default settings, tooltips and notifications to guide you through a seamless printing process. Work with detailed views of your model, tray, and slice preview so you can make necessary adjustments before going to print.

The large, six-material capacity of the Stratasys J735 and J750 means you can load your most used resins and avoid downtime associated with material changeovers or achieve the superior flexibility and tear resistance of Agilus30™. Plus, print simulated production plastics, like Digital ABS Plus, in half the time or with twice the resolution. Along with the selected model material, the 3D printers also feature two support material options: SUP705, removed with a water jet; and SUP706, which is easily removed and soluble for automated post-processing and increased geometric freedom to print complex and delicate features and small cavities.

—

The Stratasys J735 and J750 have a large, six-material capacity

—

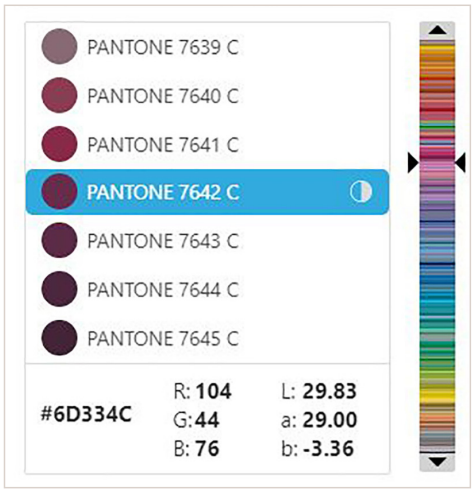
Save hours of time usually spent converting and fixing STL files

PANTONE® Validated™

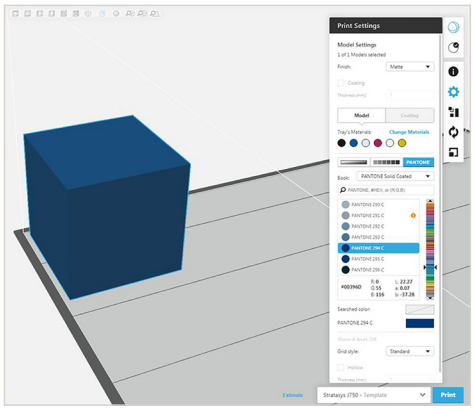
3D Print in PANTONE®

Stratasys J735 and Stratasys J750 printers are PANTONE Validated™ and are the first additive manufacturing technology to offer professional design realism. Pantone, a leading global authority on professional color standards in multiple vertical industries, helps designers, modelers and manufacturers all over the world accurately define, communicate and consistently reproduce colors.

Using a simple workflow, Stratasys CMYK colors can be matched to 1,970 printable PANTONE Colors, Solid Coated and SkinTones™, helping reduce time and costs as well as ensuring superior color fidelity.



Pantone Colors with color simulation indicator (sample).



Pantone Color selection in GrabCAD Print.

Achieve ROI Quickly

With high efficiency and low cost per part, you'll realize ROI in no time with the Stratasys J735 and J750. No matter what industry or application, these two 3D printers can take on any 3D printing need and adapt for your changing requirements.

Product Specifications

Model Materials	• Vero™ family of opaque materials including neutral shades and vibrant VeroVivid™ colors • VeroFlex™ and VeroFlexVivid™ families of strong but slightly flexible materials • Tango™ and Agilus30™ families of flexible materials • Transparent VeroClear™ and RGD720 • VeroUltra™ Black and VeroUltra™ White opaque color materials
Digital Model Materials	Unlimited number of composite materials including: • Over 500,000 colors • Digital ABS Plus and Digital ABS2 Plus™ in ivory and green • Rubber-like materials in a variety of Shore A values • Translucent color tints • User-developed digital materials with GrabCAD Voxel Print™
Support Materials	SUP705™ (water jet removable) SUP706B™ (soluble)
Build Size	Stratasys J735: 350 x 350 x 200 mm (13.8 x 13.8 x 7.9 in.) Stratasys J750: 490 x 390 x 200 mm (19.3 x 15.35 x 7.9 in.)
Layer Thickness	Horizontal build layers down to 14 microns (0.00055 in.)
Workstation Compatibility	Windows 7 and 8.1
Network Connectivity	LAN — TCP/IP
System Size and Weight	1400 x 1260 x 1100 mm (55.1 x 49.6 x 43.4 in.); 430 kg (948 lbs.) Material Cabinet: 670 x 1,170 x 640 mm (26.4 x 46.1 x 25.2 in.); 152 kg (335 lbs.)
Operating Conditions	Temperature 18 – 25° C (64 – 77° F); relative humidity 30 – 70% (non-condensing)
Power Requirements	100–120 VAC, 50–60 Hz, 13.5 A, 1 phase 220–240 VAC, 50–60 Hz, 7 A, 1 phase
Regulatory Compliance	CE, FCC, EAC
Software	GrabCAD Print, including the optional add-on GrabCAD Voxel Print
Build Modes	High Speed: up to three base resins, 27-micron (0.001 in.) resolution High Quality: up to six base resins, 14-micron (0.00055 in.) resolution High Mix: up to six base resins, 27-micron (0.001 in.) resolution
Accuracy	Typical deviation from STL dimensions, for models printed with rigid materials, based on size: under 100 mm – ±100µ; above 100 mm – ±200µ or ± 0.06% of part length, whichever is greater.

Stratasys Headquarters

7665 Commerce Way,
Eden Prairie, MN 55344
+1 800 801 6491 (US Toll Free)
+1 952 937-3000 (Intl)
+1 952 937-0070 (Fax)

1 Holtzman St., Science Park,
PO Box 2496
Rehovot 76124, Israel
+972 74 745 4000
+972 74 745 5000 (Fax)

stratasys.com
ISO 9001:2015 Certified

© 2021 Stratasys Ltd. All rights reserved. Stratasys, Stratasys signet, J735, J750, Digital ABS Plus, GrabCAD Print, Agilus30 and PolyJet are trademarks or registered trademarks of Stratasys Ltd. and/or its subsidiaries or affiliates and may be registered in certain jurisdictions. All other trademarks belong to their respective owners. Product specifications subject to change without notice. BR_PJ_J750_J735_0321a