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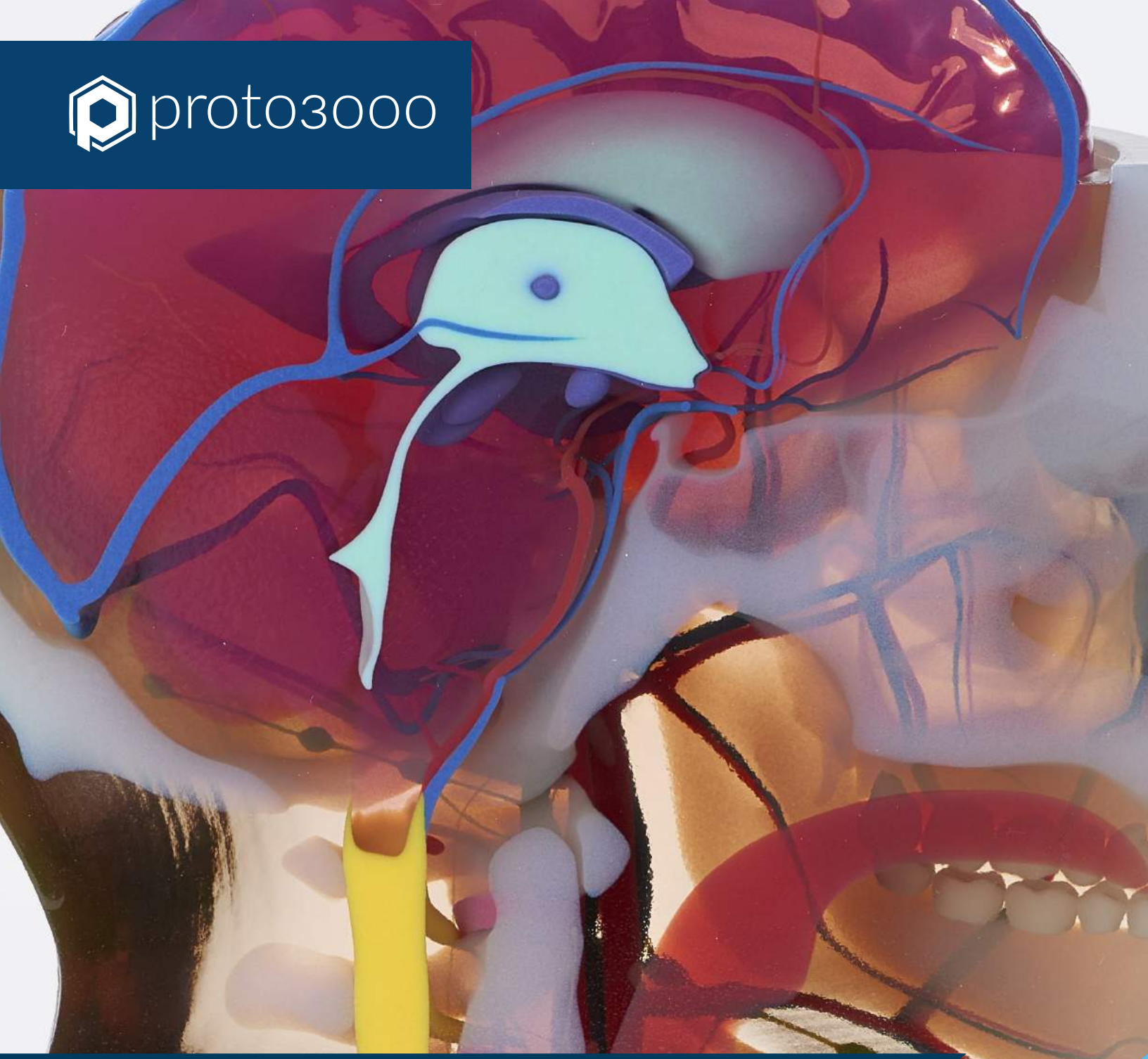

Stratasys J750

UNLEASH YOUR IMAGINATION WITH NEVER-BEFORE-SEEN MULTI-MATERIAL CAPABILITIES

A GLOBAL LEADER IN APPLIED ADDITIVE TECHNOLOGY SOLUTIONS

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Unmatched Product Realism

The Stratasys J750™ 3D Printer delivers unrivaled aesthetic performance including true, full-color capability with texture mapping and color gradients.

Create prototypes that look, feel and operate like finished products, without the need for painting or assembly, thanks to the Stratasys J750's wide range of material properties. With an astounding 360,000+ color combinations to choose from and multi-material capability, the Stratasys J750 allows you to bring even your most imaginative ideas to life.

Maximum Versatility

Take advantage of unparalleled 3D printing versatility. Channel a range of applications that previously required multiple systems to achieve all in one package with a vast array of colors and material properties, from rigid to flexible and opaque to transparent, and the ability to print many diverse materials in one job or part. Print parts that feature Digital ABS Plus™ alongside a variety of flexible Shore A values and/or translucencies. With the fastest PolyJet multi-material 3D printer, you won't sacrifice time for part intricacy and complexity.

Voxel-Level Control

Achieve the utmost control over all attributes of your 3D printed parts with GrabCAD Voxel Print™. Utilizing third-party or user-developed slicers, this utility lets you precisely determine color, transparency and flexibility of your print at the individual voxel level, the smallest element of a 3D printed structure. Voxel-level functionality also includes the ability to control interior material properties within the full volume of your 3D printed part, to create advanced structures and digital materials.

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Fast and Efficient Workflow

Streamline your workflow with either PolyJet Studio™ or GrabCAD Print™. PolyJet Studio offers an intuitive interface that makes it easy to choose materials, optimize the build and manage print queues. It also significantly improves shell-based color assignment for STL and shell-based VRML files.

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 J750 means you can load your most used resins and avoid downtime associated with material changeovers. 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 printer features two support material options: SUP705, removed with a WaterJet; 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.

Achieve ROI Quickly

With high efficiency and low cost per part, you'll realize ROI in no time with the Stratasys J750. No matter what industry or application, the Stratasys J750 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 colors Tango™ family of flexible materials Transparent VeroClear™ and RGD720
Digital Model Materials	Unlimited number of composite materials including: Over 360,000 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 (WaterJet removable) SUP706 (soluble)
Build Size	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	PolyJet Studio™ 3D printing software GrabCAD Print compatibility, including the optional add-on GrabCAD Voxel Print
Build Modes	High Speed: up to 3 base resins, 27-micron (0.001 in.) resolution High Quality: up to 6 base resins, 14-micron (0.00055 in.) resolution High Mix: up to 6 base resins, 27-micron (0.001 in.) resolution
Accuracy	Up to 200 microns for full model size (for rigid materials only, depending on geometry, build parameters and model orientation)

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