Stratasys J735 and J750

Unmatched Product Realism

The Stratasys J735™ and J750™ 3D printers deliver unrivaled aesthetic performance including true, full-color capability with texture mapping and color gradients. And the J735 and J750 printers are PANTONE Validated™. This makes the Pantone Matching System (PMS) Colors available for the first time in a 3D printing solution.

Create prototypes that look, feel and operate like finished products, without the need for painting or assembly, thanks to these printers' wide range of material properties. With astounding color combinations to choose from and multi-material capability, the Stratasys J735 and Stratasys J750 allow 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. Design and print color-critical parts with confidence using nearly 2000 Pantone Matching System (PMS) Colors from the Pantone Formula Guide Coated and all of the PANTONE® SkinTone™ colors. 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.

Fast and Efficient Workflow

Streamline your workflow with 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. Matching PANTONE Colors is a single-click step in GrabCAD Print, eliminating time-consuming painting or trial-and-error color matching. 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. 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 SUP706B, which is soluble and easily removed 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 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.

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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
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™ (WaterJet 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 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	Typical deviation from STL dimensions, for models printed with rigid materials, based on size: under 100 mm – ±100µ; above100 mm – ±200µ or ± 0.06% of part length, whichever is greater.

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