

Stratasys J55

The Stratasys J55™ 3D printer combines the quality of Stratasys PolyJet technology with a compact, office-friendly design.

The five material channel, full color printer features a rotating build platform with fixed print head for outstanding surface finish and print quality. Engineered for the office or design studio environment, it features a small footprint and ProAero™ filtration technology for odor free, silent and low power operation.

The J55 offers a streamlined design-to-print workflow powered by GrabCAD Print™. This allows users to import their designs using native CAD files or 3MF file formats. GrabCAD Print also enables Pantone® validated color matching. Remote monitoring lets you easily manage your print jobs from outside the office. Additionally, hands-free soluble support removal makes post processing simple and enables the creation of complex parts without compromising accuracy or detail.

Product Specifications

Model Materials	■ VeroCyanV™ ■ VeroMagentaV™ ■ VeroYellowV™ □ VeroPureWhite™	■ VeroBlackPlus™ □ VeroClear™ ■ DraftGrey™
Support Materials	SUP710™	
Build Size/Printing Area	Up to 1,174 cm²	
Layer Thickness	Horizontal build layers down to 18 microns (0.0007 in.)	
Network Connectivity	LAN - TCP/IP	
System Size and Weight	651 x 661 x 1551mm (25.63 x 26.02 x 61.06 in.); 228 kg (503 lbs.)	
Operating Conditions	Temperature 18 – 25 °C (64 – 77 °F); relative humidity 30-70% (non-condensing)	
Power Requirements	100–120 VAC, 50–60 Hz, 6A, 1 phase 220–240 VAC, 50–60 Hz, 3A, 1 phase	
Regulatory Compliance	CE, FCC, EAC	
Software	GrabCAD Print	
Build Modes	High Quality Speed (HQS) – 18.75um	
Accuracy	Deviation from STL dimensions, for 1 Sigma (67%) of models printed with rigid materials, based on size: under 100 mm – ±150µ; above 100 mm – ±0.15% of part length.** Deviation from STL dimensions, for 2 Sigma (95%) of models printed with rigid materials, based on size: under 100 mm – ±180µ; above 100 mm – ±0.2% of part length.**	

**Measured when ambient temperature is 23 °C and relative humidity is 50%.

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