



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	☐ ToughONE™ WhiteS ☒ VeroCyanV™ ☒ VeroMagentaV™ ☒ VeroYellowV™ ☐ VeroPureWhite™ ☒ VeroBlackPlus™ ☐ VeroClear™ ☒ DraftGrey™ ☐ VeroUltra™ WhiteS ☒ VeroUltra™ BlackS ☐ VeroUltra™ ClearS
Support Materials	SUP710S™ WSS™150 (water-soluble support)
Build Size/Printing Area	Round print tray area: 1,174 cm² (182 in.²); print height: 190 mm (7.48 in.)
Maximum Individual Part Size	140 x 200 x 187 mm (5.51 x 7.87 x 7.36 in.)
Layer Thickness	Horizontal build layers down to 18.75 microns (0.0007 in.)
Network Connectivity	LAN - TCP/IP
System Size and Weight	651 x 661 x 1511 mm (25.63 x 26.02 x 59.49 in.); 228 kg (503 lbs.)
Operating Conditions	Temperature 18 – 25 °C (64 – 77 °F); relative humidity 30-70% (non-condensing)
Power Requirements	100-240 VAC, 50-60 HZ, 10 A, 1 phase
Regulatory Compliance	CE, FCC, EAC, cTUVus, CB, RCM
Software	GrabCAD Print, GrabCAD Print Pro™, SDK (API)
Build Modes	High Quality Speed (HQS) – 18.75 µm
Accuracy	Deviation from STL dimensions, for 1 Sigma (67%) of models printed with rigid materials, based on size: under 100 mm – ±150 µm; 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 – ±150 µm; above 100 mm – ±0.2% of part length.*

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

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ISO 9001:2015

PRODUCT SPEC SHEET
POLYJET



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