Objet30

Bring precision prototyping to your desktop.

The Objet30 3D Printer provides accuracy and versatility in a compact footprint – making it great for prototyping consumer products, even with limited space and budget. With a generous tray size of 300 x 200 x 150 mm (11.81 x 7.87 x 5.9 in.), Objet30 empowers you to create realistic models in-house – quickly and easily.

Five 3D printing materials at your desktop:

The Objet30 features four Rigid Opaque materials and one material that mimics polypropylene. The VeroTM family of materials offers dimensional stability and impressive detail visualization, while Durus™ works for snap-fit applications. Backed by proven PolyJetTM technology, the Objet30 is an ideal desktop solution to create precise prototypes with smooth surfaces, small moving parts and thin walls.

LEARN MORE ABOUT THE OBJET30 AT STRATASYS.COM

stratasys®

THE **3D PRINTING SOLUTIONS** COMPANY

Objet30

Driven by powerful PolyJet technology

Proven PolyJet 3D Printing is famous for smooth surfaces, fine precision and diverse material properties. It works a bit like inkjet document printing, but instead of jetting drops of ink onto paper, the print head jets microscopic layers of liquid photopolymer onto a build tray and instantly cures them with UV light. The fine layers build up to create a prototype or end-use part.

Along with the selected model material, the 3D printer features two support material options: SUP705, a gel-like support material designed to uphold overhangs and easily 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.

With its astonishingly realistic aesthetics and ability to deliver special properties such as transparency, flexibility and even biocompatibility, PolyJet 3D Printing offers a competitive edge in consumer products prototyping, precision tooling and specialized end-use parts.

3D PRINTER SPECIFICATIONS

Model Materials	Rigid Opaque: VeroWhitePlus™, VeroGray™, VeroBlue™, VeroBlack™ Simulated Polypropylene: Durus
Support Material SUP705 gel-like photopolymer support	SUP705 (WaterJet removable) SUP706 (soluble)
Maximum Build Size (XYZ)	294 x 192 x 148.6 mm (11.57 x 7.55 x 5.85 in.)
System Size and Weight	82.6 x 60 x 62 cm (32.5 x 23.6 x 24.4 in.); 106 kg (234 lbs.)
Resolution	X-axis: 600 dpi; Y-axis: 600 dpi; Z-axis: 900 dpi
Accuracy	0.1 mm (0.0039 in.) varies depending on part geometry, size, orientation, material and post-processing method
Minimum Layer Thickness	28 microns (0.0011 in.)
Build Modes	High speed: 30-micron (.001 in.) resolution
Software	Objet Studio™ intuitive 3D printing software
Workstation Compatibility	Windows® 7/ Windows® 8
Network Connectivity	Ethernet TCP/IP 10/100 base T
Operating Conditions	Temperature 18-25°C (64-77°F); relative humidity 30-70%
Power Requirements	Single phase: 100-200V; 50-60Hz; 7A or 200-240V; 50-60Hz 3.5A
Regulatory Compliance	CE, FCC/RoHS

stratasys®

rapidmodel