Objet® 30™

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 Vero™ family of materials offers dimensional stability and impressive detail visualization, while Durus™ works for snap-fit applications. Backed by proven PolyJet™ 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® | Design Series

Objet30

3D Printer Specifications

Model Materials	Rigid Opaque: VeroWhitePlus™, VeroGray™, VeroBlue™, VeroBlack™ Simulated Polypropylene: Durus
Support Material	SUP705 gel-like photopolymer support
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

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 also jets a gel-like support material designed to uphold overhangs. When printing is done, the nontoxic support material is easily removed with a water jet. Models can be handled and used immediately, without additional post-curing.

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.

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