



Objet30 Pro

Big performance with a small footprint.

The Objet30 Pro™ combines the accuracy and versatility of a high-end rapid prototyping machine with the small footprint of a desktop 3D printer. With a tray size of 300 x 200 x 150 mm (11.81 x 7.87 x 5.9 in.) and print resolution among the finest in the industry, the Objet30 Pro is ideal for prototyping consumer goods, consumer electronics, medical devices and more.

Turn your vision into reality with eight 3D printing materials:

The Objet30 Pro features four Rigid Opaque materials, and specialized photopolymers, including transparent, high-temperature and two simulated polypropylene options. It gives you the power to create realistic models with specialized properties quickly and easily in-house.



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THE 3D PRINTING SOLUTIONS COMPANY



Objet30 Pro

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 production 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 production parts.

3D PRINTER SPECIFICATIONS

Model Materials	Rigid Opaque: VeroWhitePlus™, VeroBlackPlus™, VeroGray™, VeroBlue™ Transparent: VeroClear™ Simulated Polypropylene: Rigur™ and Durus™ High Temperature
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.); 16 microns for VeroClear material (.0006 in.)
Build Modes	High quality: 16-micron (.0006 in.) resolution High speed: 30-micron (.001 in.) resolution
Software	Objet Studio™ intuitive 3D printing software
Workstation Compatibility	Windows XP/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: 100-120V; 50-60Hz; 7A or 200-240V; 50-60Hz 3.5A
Regulatory Compliance	CE, FCC/RoHS



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