

# Objet<sup>®</sup> 30 Pro<sup>™</sup>



## 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.



Learn more about the  
Objet30 Pro at [stratasys.com](http://stratasys.com)

# Objet30 Pro



## 3D Printer Specifications

<b>Model Materials</b>	Rigid Opaque: VeroWhitePlus™, VeroBlackPlus™, VeroGray™, VeroBlue™ Transparent: VeroClear™ Simulated Polypropylene: Endur™ and Durus™ High Temperature
<b>Support Material</b>	SUP705 gel-like photopolymer support
<b>Maximum Build Size (XYZ)</b>	294 x 192 x 148.6 mm (11.57 x 7.55 x 5.85 in.)
<b>System Size and Weight</b>	82.6 x 60 x 62 cm (32.5 x 23.6 x 24.4 in.); 106 kg (234 lbs.)
<b>Resolution</b>	X-axis: 600 dpi; Y-axis: 600 dpi; Z-axis: 900 dpi
<b>Accuracy</b>	0.1 mm (0.0039 in.) varies depending on part geometry, size, orientation, material and post-processing method
<b>Minimum Layer Thickness</b>	28 microns (0.0011 in.); 16 microns for VeroClear material (.0006 in.)
<b>Build Modes</b>	High quality: 16-micron (.0006 in.) resolution High speed: 30-micron (.001 in.) resolution
<b>Software</b>	Objet Studio™ intuitive 3D printing software
<b>Workstation Compatibility</b>	Windows® XP/Windows® 7/Windows® 8
<b>Network Connectivity</b>	Ethernet TCP/IP 10/100 base T
<b>Operating Conditions</b>	Temperature 18-25°C (64-77°F); relative humidity 30-70%
<b>Power Requirements</b>	Single phase: 100-120V; 50-60Hz; 7A or 200-240V; 50-60Hz 3.5A
<b>Regulatory Compliance</b>	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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