

Objet30 Pro™



The ultimate in professional desktop 3D printing.

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. Powered by PolyJet™ technology, it offers eight different 3D printing materials, including clear and high-temperature options, and features the industry's highest print resolution so you get smooth surfaces, small moving parts and thin walls.

With a tray size of 300 × 200 × 150 mm (11.81 × 7.87 × 5.9 in), the Objet30 Pro is ideal for prototyping consumer goods, consumer electronics, medical devices and more.

The Objet30 Pro gives you the power to create realistic models in-house – quickly and easily.

The industry's widest desktop versatility with eight materials.

The Objet30 Pro makes it possible to print four rigid opaque materials in a variety of colors. The Vero family of materials produces models that are dimensionally stable, highly detailed and smooth – simulating plastics that closely resemble your end product. Print with:

- **Rigid Opaque white** (VeroWhitePlus™)
- **Rigid Opaque black** (VeroBlackPlus™)
- **Rigid Opaque blue** (VeroBlue™)
- **Rigid Opaque gray** (VeroGray™)

The Objet30 Pro is the only desktop 3D printer with specialized material capabilities that also allows you to print:

Transparent material (VeroClear™), a nearly colorless material for models that mimics transparent thermoplastics like poly(methyl methacrylate) (PMMA)

High Temperature material (RGD525) for advanced functional testing, hot air and water flow, and static applications

Simulated Polypropylene materials (Endur™ & Durus™) for polypropylene-like snap fit applications, flexible closures and living hinges, reusable containers and white appliances

Backed by proven PolyJet™ technology.

The Objet30 Pro employs proven PolyJet technology. PolyJet 3D Printing is similar to inkjet document printing. But instead of jetting drops of ink onto paper, PolyJet 3D Printers jet layers of liquid photopolymer onto a build tray and cure them with UV light. The layers build up one at a time to create a 3D model or prototype. Fully-cured models can be handled and used immediately without additional post-curing. Along with the selected model material, the 3D printer also jets a gel-like support material specially designed to uphold overhangs and complicated geometries. It is easily removed using a WaterJet.

PolyJet 3D Printing technology has many advantages for rapid prototyping, including professional quality and speed, high precision, and a wide variety of materials. PolyJet technology is a perfect solution for precision prototyping needs and sets the standard for finished-product realism.

Learn more about
Objet30 Pro at
www.Stratasys.com



Objet Studio™: Intuitive 3D Printing Software.

Objet Studio makes it simple to build high-quality, accurate 3D models. It automatically transforms STL and SLC files from any 3D CAD application into 3D modeling slices of build material and support. With click-and-build wizards, you can quickly edit trays, assign materials, manage print jobs and perform routine system maintenance. Objet Studio features:

- Automatic support generation
- On-the-fly slicing so printing can start right away
- Auto-placement of trays for accurate, consistent positioning
- Multi-user networking

Objet30 Pro Makes 3D Printing As Easy As 1-2-3.

- 1. Prepare the file.** Create your 3D model with 3D CAD software, then open Objet Studio software, upload the STL file and click “print.” Objet Studio converts your STL file into 3D model print paths – including support structures.
- 2. Print your model.** PolyJet technology makes it possible to build your 3D model and its support material – layer by layer – from the bottom up.
- 3. Remove supports.** Take your printed 3D model out of the printer’s build chamber and easily remove support material using a WaterJet.

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Product Specifications

Model Materials:

- Transparent rigid (VeroClear)
- Rigid Opaque (Vero) in white, gray, blue & black
- Simulated Polypropylene (Endur & Durus)
- High Temperature (RGD525)

Support Material:

FullCure® 705 non-toxic gel-like photopolymer support

Tray Size:

300 x 200 x 150 mm (11.81 x 7.87 x 5.9 in)

Build Size:

294 x 192 x 148.6 mm (11.57 x 7.55 x 5.85 in)

Build Resolution:

X-axis: 600 dpi, Y-axis: 600 dpi,
Z-axis: 900 dpi

Layer Thickness:

Horizontal build layers down
to 16-microns (0.0006 in)

Accuracy (glossy) @ Operating Environment:

0.1 mm (0.0039 in) may vary depending
on part geometry, size, orientation,
material and post-processing method

Workstation Compatibility:

Windows XP, Windows 7 32/64-bit

Network Connectivity:

Ethernet TCP/IP 10/100 base T

Size and Weight:

Objet30 Pro:
82.5 x 62 x 59 cm
(32.28 x 24.4 x 23.22 in)
93 kg (205 lbs)

Power Requirements:

Single phase:
100 to 200VAC; 50/60Hz; 7A
200 to 240VAC; 50/60Hz; 3.5A

Regulatory Compliance:

CE/FCC/RoHS

Special Facility Requirements:

Temperature 18-25 °C
(64-77 °F); relative humidity 30-70%
(non-condensing)