Objet Eden260V™

Double the materials, double the fun – and a bigger build envelope to boot.

Increase productivity by bringing precision prototyping to your office.

The Objet Eden260V™ offers unprecedented return on investment for a wide range of professional rapid prototyping applications. With a choice of 18 materials, the Objet Eden260V prints ultrafine 16 micron layers for exceptional detail, complex geometries and very thin walls.

Empower your printing with 18 material options.

The Objet Eden260V offers a wide variety of materials including:

Transparent materials (RGD720) for standard plastics simulation requiring dimensional stability and smooth surfaces, as well as (VeroClear™), a nearly colorless material for models, that mimics transparent thermoplastics like Poly(methyl methacrylate) (PMMA)

Rigid Opaque materials (Vero family) in a variety of colors including white, gray, blue and black

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

Rubber-like materials (Tango family) suitable for a range of applications requiring non-slip or soft surfaces

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

Backed by proven PolyJet™ technology.

The Objet Eden260V 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 Objet Eden260V at www.Stratasys.com

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Objet Eden260V

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

Objet Eden260V 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 model out of the printer's build chamber and easily remove support material using a WaterJet.

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Product Specifications

Model Materials:
- VeroClear
- Rubber-like (Tango)
- FullCure® (RGD720)
- 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

Build Size:
255 x 252 x 200 mm (10.0 x 9.9 x 7.9 in)

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

Workstation Compatibility:
Windows 7 32/64-bit

Network Connectivity:
LAN – TCP/IP

Size and Weight:
Objet Eden260V:
870 x 735 x 1200 mm
(34.25 x 28.9 x 47.25 in)
410 kg (902 lbs)

Power Requirements:
110–240 VAC 50/60 Hz;
1.5 KW single phase

Regulatory Compliance:
CE, FCC

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

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