

Objet[®] 260 Connex1[™]



Bring the most advanced PolyJet[™] technology to your office.

The Objet260 Connex1 provides precision and efficiency in a footprint that fits your office environment. Build realistic models with ultra-fine layer thickness, accuracy and smooth surfaces, as large as 255 x 252 x 200 mm (10.0 x 9.9 x 7.9 in.) — quickly and easily.

Backed by triple-jetting technology, the Objet260 Connex1 offers great material capacity and hot-swapping capability, empowering you to maximize workflow efficiency. With the ability to combine up to three base resins in a single build, the Objet260 Connex1 creates parts that simulate overmolding and produces three-material prototypes with minimal post-processing efforts. And achieve impressive detail with your choice of 14 photopolymers that offer a wide range of material properties — including rigid and flexible, transparent and polypropylene.

Learn more about
the Objet260 Connex1
at stratasys.com

Objet260 Connex1

3D Printer Specifications

Model Materials	Rigid Opaque: VeroWhitePlus™, VeroBlackPlus™, VeroGray™, VeroBlue™ Rubber-like: TangoPlus™, TangoBlackPlus™, TangoBlack™, TangoGray™ Transparent: VeroClear™ and RGD720 Simulated Polypropylene: Endur™ and Durus™ High Temperature Bio-compatible
Support Material	SUP705 non-toxic gel-like photopolymer support
Material Options	14
Maximum Materials per Part	3
Maximum Build Size (XYZ)	255 x 252 x 200 mm (10.0 x 9.9 x 7.9 in.)
System Size and Weight	87 x 120 x 73.5 cm (34.2 x 47.2 x 29 in.); 264 kg (581 lbs.) <i>Material Cabinet:</i> 33 x 117 x 64 cm (13 x 46.1 x 25.2 in.); 76 kg (168 lbs.)
Resolution	X-axis: 600 dpi; Y-axis: 600 dpi; Z-axis: 1600 dpi
Accuracy	20-85 microns for features below 50 mm; up to 200 microns for full model size
Minimum Layer Thickness	Horizontal build layers as fine as 16 microns (.0006 in.)
Build Modes	Digital material: 30-micron (.001 in.) resolution High quality: 16-micron (.0006 in.) resolution High speed: 30-micron (.001 in.) resolution
Software	Objet Studio™ intuitive 3D printing software
Workstation Compatibility	Windows® 7 or Windows® 8
Network Connectivity	LAN - TCP/IP
Operating Conditions	Temperature 18-25°C (64-77°F); relative humidity 30-70% (non-condensing)
Power Requirements	110-240 VAC 50/60Hz; 1.5 kW single phase
Regulatory Compliance	CE, FCC



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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