

Objet260 Connex3

Unleash your creativity with PolyJet™ technology's most advanced 3D printing

Inspire your design process with the Objet260 Connex3™ multi-material 3D Printer. The Connex3 empowers you to 3D print brilliantly colored prototypes to fit your application needs. Get unmatched design freedom with a wide range of material properties, from rigid to flexible, transparent to opaque, neutral to vibrant, standard to bio-compatible and durable to high temperature. With Connex3, incorporate dozens of colors into one prototype, from vivid opaque to stained-glass-like translucent, with hundreds of blended hues in between.

Backed by triple-jetting technology, Objet260 Connex3 delivers maximum versatility for your office. Combine up to three base resins in a single build to create models with a variety of Digital Materials, with minimal post-processing efforts. Produce models as large as 255 x 252 x 200 mm (10.0 x 9.9 x 7.9 in.) with impressive detail and ultra-fine accuracy — quickly and easily.





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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 features two support material options: SUP705, which is easily removed with a WaterJet; and SUP706, which is soluble for automated post-processing and increased geometric freedom to print complex and delicate features and small cavities.

With its astonishingly realistic aesthetics and ability to deliver special properties such as transparency, flexibility and even bio-compatibility, 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™, VeroCyan™, VeroMagenta™, VeroYellow™ Rubber-like: TangoPlus™, TangoBlackPlus™, TangoBlack™, TangoGray™ Transparent: VeroClear™ and RGD720 Simulated Polypropylene: Rigur™ and Durus™ High Temperature Bio-compatible
Digital Materials	Vibrant blended colors in Rigid Opaque Translucent colored tints Rubber-like materials in a variety of Shore A values Digital ABS™ for durability, including blends with rubber Polypropylene-like materials with improved heat resistance
Material Options	Over 1,000
Maximum Materials per Part	82
Support Material	SUP705 (WaterJet removable) SUP706 (soluble)
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.) Material Cabinet: 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

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