Objet260 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, 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, Objet260 Connex1 creates parts that simulate overmolding and produces three-material prototypes with minimal post-processing efforts. Achieve impressive detail with your choice of 14 photopolymers that offer a wide range of material properties — including rigid and flexible, transparent and polypropylene.

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PLATINUM PARTNER
2016

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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™ Rubber-like: TangoPlus™, TangoBlackPlus™, TangoBlack™, TangoGray™ Transparent: VeroClear™ and RGD720 Simulated Polypropylene: Rigur™ and Durus™ High Temperature Bio-compatible
Support Material	SUP705 (WaterJet removable)
	SUP706 (soluble)
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.) 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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