



# Objet260 Connex1

## Bring 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 17 photopolymers that offer a wide range of material properties — including rigid and flexible, transparent and simulated polypropylene.



LEARN MORE ABOUT THE OBJET260 CONNEX1

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THE 3D PRINTING SOLUTIONS COMPANY



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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

<b>Model Materials</b>	<b>Rigid Opaque:</b> VeroWhitePlus™, VeroBlackPlus™, VeroGray™, VeroBlue™, Vero PureWhite™ <b>Rubber-like:</b> Agilus30™ in black and clear, TangoPlus™, TangoBlackPlus™, TangoBlack™, TangoGray™ <b>Transparent:</b> VeroClear™ and RGD720 <b>Simulated Polypropylene:</b> Rigur™ and Durus™ High Temperature Bio-compatible
<b>Support Material</b>	SUP705 (WaterJet removable) SUP706 (soluble)
<b>Material Options</b>	17
<b>Maximum Materials per Part</b>	3
<b>Maximum Build Size (XYZ)</b>	255 x 252 x 200 mm (10.0 x 9.9 x 7.9 in.)
<b>System Size and Weight</b>	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.)
<b>Resolution</b>	X-axis: 600 dpi; Y-axis: 600 dpi; Z-axis: 1600 dpi
<b>Accuracy</b>	20-85 microns for features below 50 mm; up to 200 microns for full model size
<b>Minimum Layer Thickness</b>	Horizontal build layers as fine as 16 microns (.0006 in.)
<b>Build Modes</b>	High Quality: 16-micron (.0006 in.) resolution High Speed: 30-micron (.001 in.) resolution
<b>Software</b>	Objet Studio™ intuitive 3D printing software
<b>Workstation Compatibility</b>	Windows 7 or Windows 8
<b>Network Connectivity</b>	LAN - TCP/IP
<b>Operating Conditions</b>	Temperature 18-25°C (64-77°F); relative humidity 30-70% (non-condensing)
<b>Power Requirements</b>	110-240 VAC 50/60Hz; 1.5 kW single phase
<b>Regulatory Compliance</b>	CE, FCC



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ISO 9001:2008 Certified

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