

Objet260 Connex3

Multi-color, multi-material or versatility? Choose all three for your office.

Unleash your creativity with the most advanced office 3D printer: The Objet260 Connex3™. The Connex3 empowers you to 3D print brilliantly colored prototypes to fit your application needs. The Objet260 Connex3 boasts the widest range of material properties for its class, from rigid to flexible, transparent to opaque, neutral to vibrant, standard to biocompatible 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. GrabCAD Print™ software makes it simple to build high-quality, accurate 3D models.

3D Printer Specifications	
Model Materials	Rigid Opaque: VeroPureWhite™, VeroWhitePlus™, VeroBlackPlus™, VeroGray™, VeroBlue™, VeroCyan™, VeroMagenta™, VeroYellow™, VeroMagentaV™, VeroYellowV™ Rubber-like: Agilus30™, 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 Plus™ for durability, including blends with rubber Simulated polypropylene 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	87 x 120 x 73.5 cm (34.2 x 47.2 x 29 in.) Material Cabinet: 33 x 117 x 64 cm (13 x 46.1 x 25.2 in.)
System Weight	264 kg (581 lbs.) Material Cabinet: 76 kg (168 lbs.)
Resolution	X-axis: 600 dpi; Y-axis: 600 dpi; Z-axis: 1600 dpi
Accuracy ¹	Typical deviation from STL dimensions, for models printed with rigid materials, based on size: under 100 mm – ±100µ; above 100 mm – ±200µ.
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

¹ These results are valid for about 95% of printed models, measured when ambient temperature is 23 °C and relative humidity is 50%.

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3D Printer Specifications (continued)

Software	Objet Studio™ intuitive 3D printing software. Compatible with GrabCAD Print for use with job reports, scheduling and reports monitoring.
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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