



## Objet30

## Bring precision prototyping to your desktop.

With the upgraded Objet30™ Prime and Pro 3D printers, accuracy and versatility don't require a large footprint. Even with limited space and budget, PolyJet Technology™ makes it simple to create beautiful, realistic models. Prototype for a variety of applications, from consumer electronics to medical devices.

Choose from nine model materials ranging from rigid opaque to simulated polypropylene, and build prototypes with specialized properties and smooth finishes. Plus, the Objet30 Prime offers additional

Model Materials       Neutral: VeroWhitePlus™, VeroBlackPlus™, VeroBlue™, VeroGrey™, DraftGrey™         Model Materials       Simulated Polypropylene: Rigur™, Durus™         High Temperature       Rubberlike*: TangoGray™, TangoBlack™         Biocompatible*       Biocompatible*         Support Materials       SUP705™ (Water Jet removable) SUP706™ (soluble)         Build Size       294 x 192 x 148.6 mm (11.6 x 7.6 x 5.9 in.)         Layer Thickness       Horizontal build layers range between 16 microns - 36 microns (0.0006 in 0.0014 in.) depending on the print mode.         Workstation Compatibility       Windows 10         Network Connectivity       Ethernet TCP/IP 10/100 base T         System Size and Weight       82.6 x 60 x 62 cm (32.5 x 23.6 x 24.4 in.); 106 kg (234 lbs.)         Operating Conditions       Temperature 18 - 25 °C (64 - 77 °F); relative humidity 30-70%         Power Requirements       Single phase: 100-120V; 50/60 Hz, 7a or 200-240V; 50/60Hz, 3.5a         Regulatory Compliance       CE, FCC, RoHS, cTUVus, RCM, R-NZ         Software       GrabCAD Print™         Build Modes       High Quality: 16 micron (0.0006 in.) resolution         High Speed: 28 micron (0.001 in.) resolution         High Speed: 28 micron (0.0014 in.) resolution         Fast Draft*: 36 micron (0.00014 in.) resolution	Objet30 V5 Specifications	
Model Materials  Simulated Polypropylene: Rigur™, Durus™ High Temperature Rubberlike*: TangoGray™, TangoBlack™ Biocompatible*  Support Materials  SUP705™ (Water Jet removable) SUP706™ (soluble)  Build Size  294 x 192 x 148.6 mm (11.6 x 7.6 x 5.9 in.)  Layer Thickness  Horizontal build layers range between 16 microns - 36 microns (0.0006 in 0.0014 in.) depending on the print mode.  Workstation Compatibility  Windows 10  Network Connectivity  Ethernet TCP/IP 10/100 base T  System Size and Weight  82.6 x 60 x 62 cm (32.5 x 23.6 x 24.4 in.); 106 kg (234 lbs.)  Operating Conditions  Temperature 18 - 25 °C (64 - 77 °F); relative humidity 30-70%  Power Requirements  Single phase: 100-120V; 50/60 Hz, 7a or 200-240V; 50/60Hz, 3.5a  Regulatory Compliance  CE, FCC, RoHS, cTUVus, RCM, R-NZ  Software  Build Modes  High Quality: 16 micron (0.0006 in.) resolution High Speed: 28 micron (0.0011 in.) resolution Fast Draft*: 36 micron (0.0014 in.) resolution	Model Materials	Neutral: VeroWhitePlus™, VeroBlackPlus™, VeroBlue™, VeroGrey™, DraftGrey™
Model Materials       High Temperature         Rubberlike*: TangoGray™, TangoBlack™         Biocompatible*         Support Materials       SUP705™ (Water Jet removable)         SUP706™ (soluble)         Build Size       294 x 192 x 148.6 mm (11.6 x 7.6 x 5.9 in.)         Layer Thickness       Horizontal build layers range between 16 microns - 36 microns (0.0006 in 0.0014 in.) depending on the print mode.         Workstation Compatibility       Windows 10         Network Connectivity       Ethernet TCP/IP 10/100 base T         System Size and Weight       82.6 x 60 x 62 cm (32.5 x 23.6 x 24.4 in.); 106 kg (234 lbs.)         Operating Conditions       Temperature 18 - 25 °C (64 - 77 °F); relative humidity 30-70%         Power Requirements       Single phase: 100-120V; 50/60 Hz, 7a or 200-240V; 50/60Hz, 3.5a         Regulatory Compliance       CE, FCC, RoHS, cTUVus, RCM, R-NZ         Software       GrabCAD Print™         Build Modes       High Quality: 16 micron (0.0006 in.) resolution         High Speed: 28 micron (0.001 in.) resolution         Fast Draft*: 36 micron (0.0014 in.) resolution		Transparent: VeroClear™, RGD720™*
High Temperature Rubberlike*: TangoGray™, TangoBlack™ Biocompatible*  Support Materials SUP705™ (Water Jet removable) SUP706™ (soluble)  Build Size 294 x 192 x 148.6 mm (11.6 x 7.6 x 5.9 in.)  Layer Thickness Horizontal build layers range between 16 microns – 36 microns (0.0006 in. – 0.0014 in.) depending on the print mode.  Workstation Compatibility Windows 10  Network Connectivity Ethernet TCP/IP 10/100 base T  System Size and Weight 82.6 x 60 x 62 cm (32.5 x 23.6 x 24.4 in.); 106 kg (234 lbs.)  Operating Conditions Temperature 18 – 25 °C (64 – 77 °F); relative humidity 30-70%  Power Requirements Single phase: 100-120V; 50/60 Hz, 7a or 200-240V; 50/60Hz, 3.5a  Regulatory Compliance CE, FCC, RoHS, cTUVus, RCM, R-NZ  Software GrabCAD Print™  Build Modes High Quality: 16 micron (0.0006 in.) resolution High Speed: 28 micron (0.0011 in.) resolution Fast Draft*: 36 micron (0.0014 in.) resolution		Simulated Polypropylene: Rigur™, Durus™
Biocompatible*  Support Materials  SUP705™ (Water Jet removable) SUP706™ (soluble)  Build Size  294 x 192 x 148.6 mm (11.6 x 7.6 x 5.9 in.)  Layer Thickness  Horizontal build layers range between 16 microns – 36 microns (0.0006 in. – 0.0014 in.) depending on the print mode.  Workstation Compatibility  Windows 10  Network Connectivity  Ethernet TCP/IP 10/100 base T  System Size and Weight  82.6 x 60 x 62 cm (32.5 x 23.6 x 24.4 in.); 106 kg (234 lbs.)  Operating Conditions  Temperature 18 – 25 °C (64 – 77 °F); relative humidity 30-70%  Power Requirements  Single phase: 100-120V; 50/60 Hz, 7a or 200-240V; 50/60Hz, 3.5a  Regulatory Compliance  CE, FCC, RoHS, cTUVus, RCM, R-NZ  Software  GrabCAD Print™  Build Modes  High Quality: 16 micron (0.0006 in.) resolution High Speed: 28 micron (0.0011 in.) resolution Fast Draft*: 36 micron (0.0014 in.) resolution		High Temperature
Support Materials  SUP705™ (Kater Jet removable) SUP706™ (soluble)  Build Size  294 x 192 x 148.6 mm (11.6 x 7.6 x 5.9 in.)  Layer Thickness  Horizontal build layers range between 16 microns – 36 microns (0.0006 in. – 0.0014 in.) depending on the print mode.  Workstation Compatibility  Windows 10  Network Connectivity  Ethernet TCP/IP 10/100 base T  System Size and Weight  82.6 x 60 x 62 cm (32.5 x 23.6 x 24.4 in.); 106 kg (234 lbs.)  Operating Conditions  Temperature 18 – 25 °C (64 – 77 °F); relative humidity 30-70%  Power Requirements  Single phase: 100-120V; 50/60 Hz, 7a or 200-240V; 50/60Hz, 3.5a  Regulatory Compliance  CE, FCC, RoHS, cTUVus, RCM, R-NZ  Software  GrabCAD Print™  Build Modes  High Quality: 16 micron (0.0006 in.) resolution High Speed: 28 micron (0.0011 in.) resolution Fast Draft*: 36 micron (0.0014 in.) resolution		Rubberlike*: TangoGray™, TangoBlack™
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Build Size 294 x 192 x 148.6 mm (11.6 x 7.6 x 5.9 in.)  Layer Thickness Horizontal build layers range between 16 microns – 36 microns (0.0006 in. – 0.0014 in.) depending on the print mode.  Workstation Compatibility Windows 10  Network Connectivity Ethernet TCP/IP 10/100 base T  System Size and Weight 82.6 x 60 x 62 cm (32.5 x 23.6 x 24.4 in.); 106 kg (234 lbs.)  Operating Conditions Temperature 18 − 25 °C (64 − 77 °F); relative humidity 30-70%  Power Requirements Single phase: 100-120V; 50/60 Hz, 7a or 200-240V; 50/60Hz, 3.5a  Regulatory Compliance CE, FCC, RoHS, cTUVus, RCM, R-NZ  Software GrabCAD Print™  Build Modes High Quality: 16 micron (0.0006 in.) resolution High Speed: 28 micron (0.0011 in.) resolution  Fast Draft*: 36 micron (0.0014 in.) resolution	Support Materials	SUP705™ (Water Jet removable)
Layer Thickness  Horizontal build layers range between 16 microns – 36 microns (0.0006 in. – 0.0014 in.) depending on the print mode.  Workstation Compatibility  Windows 10  Network Connectivity  Ethernet TCP/IP 10/100 base T  System Size and Weight  82.6 x 60 x 62 cm (32.5 x 23.6 x 24.4 in.); 106 kg (234 lbs.)  Operating Conditions  Temperature 18 – 25 °C (64 – 77 °F); relative humidity 30-70%  Power Requirements  Single phase: 100-120V; 50/60 Hz, 7a or 200-240V; 50/60Hz, 3.5a  Regulatory Compliance  CE, FCC, RoHS, cTUVus, RCM, R-NZ  Software  GrabCAD Print™  Build Modes  High Quality: 16 micron (0.0006 in.) resolution High Speed: 28 micron (0.0011 in.) resolution Fast Draft*: 36 micron (0.0014 in.) resolution		SUP706™ (soluble)
16 microns – 36 microns (0.0006 in. – 0.0014 in.) depending on the print mode.  Workstation Compatibility Windows 10  Network Connectivity Ethernet TCP/IP 10/100 base T  System Size and Weight 82.6 x 60 x 62 cm (32.5 x 23.6 x 24.4 in.); 106 kg (234 lbs.)  Operating Conditions Temperature 18 − 25 °C (64 − 77 °F); relative humidity 30-70%  Power Requirements Single phase: 100-120V; 50/60 Hz, 7a or 200-240V; 50/60Hz, 3.5a  Regulatory Compliance CE, FCC, RoHS, cTUVus, RCM, R-NZ  Software GrabCAD Print™  Build Modes High Quality: 16 micron (0.0006 in.) resolution  High Speed: 28 micron (0.0014 in.) resolution  Fast Draft*: 36 micron (0.0014 in.) resolution	Build Size	294 x 192 x 148.6 mm (11.6 x 7.6 x 5.9 in.)
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Operating Conditions       Temperature 18 – 25 °C (64 – 77 °F); relative humidity 30-70%         Power Requirements       Single phase: 100-120V; 50/60 Hz, 7a or 200-240V; 50/60Hz, 3.5a         Regulatory Compliance       CE, FCC, RoHS, cTUVus, RCM, R-NZ         Software       GrabCAD Print™         Build Modes       High Quality: 16 micron (0.0006 in.) resolution         High Speed: 28 micron (0.001 in.) resolution         Fast Draft*: 36 micron (0.0014 in.) resolution	Network Connectivity	Ethernet TCP/IP 10/100 base T
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High Speed: 28 micron (0.001 in.) resolution  Fast Draft*: 36 micron (0.0014 in.) resolution	Software	GrabCAD Print™
Fast Draft*: 36 micron (0.0014 in.) resolution	Build Modes	High Quality: 16 micron (0.0006 in.) resolution
, ,		High Speed: 28 micron (0.001 in.) resolution
XY Resolution 600x600 DPI		Fast Draft*: 36 micron (0.0014 in.) resolution
	XY Resolution	600x600 DPI

<sup>\*</sup>Only available on Objet30 V5 Prime



Spec Sheet