Objet500 Connex Specifications

FOR SALE

Model Materials:
- Transparent rigid (VeroClear)
- Rubber-like (Tango family)
- Transparent general-purpose (FullCure RGD720)
- Rigid Opaque (Vero family)
- Polypropylene-like (DurasWhite)
Digital model materials: Up to 90 digital materials can be manufactured on the fly including
- Engineering plastics such as Digital ABS Green (RGDS160-DM) fabricated from RGDS15 and RGDS35
- Transparent shades and patterns
- Rigid opaque shades
- Different shore value rubber-like materials
- Polypropylene with improved thermal resistance

Support Material:
- FullCure 705 non-toxic gel-like photopolymer support
Material cartridges:
- Four sealed 3.6 kg (7.9 lb) cartridges
- Tango family and DurasWhite also available as 1.44 kg (3.17 lb) net weight in a 3.6kg size casing
- Two different model materials loaded
- Front loading for quick replacement
Tray size: 500 x 400 x 200mm (19.7 x 15.7 x 7.9 in.)
Net Build size: 490 x 390 x 200 mm (19.3 x 15.4 x 7.9 in.)
Layer thickness: Horizontal build layers down to 16-microns (0.0006 in.)
Build resolution: X-axis: 600 dpi; Y-axis: 600 dpi; Z-axis: 1600 dpi

Printing Modes:
- Digital Material (DM): 30-micron (0.001 in.)
- High Quality (HQ): 16-micron (0.0006 in.)
- High Speed (HS): 30-micron (0.001 in.)
Accuracy: 20-85um for features below 50mm; Up to 200um for full model size (for rigid materials only, depending on geometry, build parameters and model orientation)
Input Format: STL, OBJDF and SLC File
Workstation compatibility: Windows 7
Network connectivity: LAN – TCP/IP
Size and weight: 1420 x 1120 x 1130 mm (55.9 x 44.1 x 44.5 inch); 500 kg (1102 lbs)
Print heads: 8 units
Power Requirements: 110–240 VAC 50/60 Hz; 1.5 KW single phase
Operational Environment: Temperature 18 C-25 C (64 F-77 F); relative humidity 30-70% (non-condensing)