

OBJET500 CONNEX

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 (DurusWhite)

Digital model materials: Up to 90 digital materials can be manufactured on the fly including

- Engineering plastics such as Digital ABS Green (RGD5160-DM) fabricated from RGD515 and RGD535
- 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 DurusWhite also available as 1.44kg (3.17 lb) net weight in a 3.6kg size casing
- Two different model materials loaded
- Front loading for quick replacement

Tray size: 500 × 400 × 200mm (19.7 × 15.7 × 7.9 in.)

Net Build size: 490 × 390 × 200 mm (19.3 × 15.4 × 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 × 1120 × 1130 mm (55.9 × 44.1 × 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)

