Objet®500 Connex2™

Triple-jetting technology with the power of Digital Materials.

Triple-jetting technology with Digital Material capabilities.

The Objet500 Connex2 3D Production System takes multi-material 3D printing to the next level by allowing you to not only print up to three base resins in a single build, but to blend pairs of base resins into a wide range of Digital Materials. With over a hundred Digital Materials to choose from and the ability to hold and hot-swap up to three model materials at once, the Objet500 Connex2 will maximize workflow efficiencies while taking your production environment digital.

Material capabilities include:

Rigid Opaque: Use to build precise, accurate tooling, such as check gauges, and detailed parts. Combine with other materials for complex parts.

Transparent: Build clear models or transparent-opaque combinations.

Rubber-like: Enhance tools with soft, non-slip surfaces, and add any number of flexible details to models and advanced prototypes.

Specialty materials: Build custom medical devices and research aids with Bio-compatible material. Choose High Temperature material for use with hot liquids and air flow. Conduct advanced prototyping with Simulated Polypropylene.
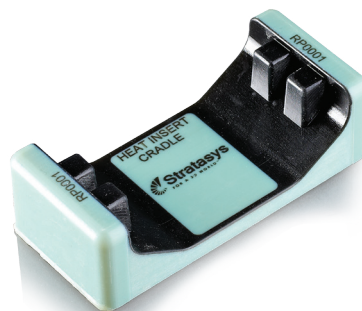
Digital Materials: With specially engineered composite options – including Digital ABS™ – you can 3D print across a spectrum of precise material properties.

Tough, multi-purpose solutions for 3D models and parts.

Offering more than a hundred Digital Material options, a variety of Shore A values and a range of translucencies, the Objet500 Connex2 can tackle a wide range of tough, multi-material prototyping applications, ideal for:

• Designers and researchers requiring transparency with durability and/or flexibility in one part

• Service bureaus needing large throughput and mixed trays to print multiple, diverse parts at once

• Any manufacturer wanting to combine tough Digital ABS and soft-touch combinations in a single build

And the large tray size of the Objet500 Connex2 allows it to handle just about any size printing need – from large 3D models to multiple smaller to medium-sized parts in a single print job.

Backed by proven PolyJet™ technology.

The Objet500 Connex2 employs PolyJet technology. PolyJet 3D Printing is similar to inkjet document printing. Instead of jetting drops of ink onto paper, PolyJet 3D printers jet layers of liquid photopolymer onto a build tray and cure them with UV light. The layers build up one at a time to create a 3D model or prototype. Fully cured models can be handled and used immediately, without additional post-curing. Along with the selected model materials, the 3D printer also jets a gel-like support material specially designed to uphold overhangs and complicated geometries. It is easily removed by hand and with water.

PolyJet 3D Printing technology benefits manufacturers with its professional quality and speed, high precision, and a wide variety of materials. PolyJet technology is also famous for precision prototyping needs and sets the standard for finished-product realism.

Learn more about Connex™ 3D Printers at www.Stratasys.com

Objet500 Connex2

Objet Studio™: Intuitive 3D Printing Software.

Objet Studio makes it simple to build high-quality, accurate 3D models. It automatically transforms STL files from any 3D CAD application into 3D modeling slices of build material and support. You can quickly edit trays, assign materials, and manage and monitor print jobs. Objet Studio features:

- Automatic support generation
- On-the-fly slicing so printing can start right away
- Auto-placement of parts for the fastest build time
- Estimates for job duration and material consumption
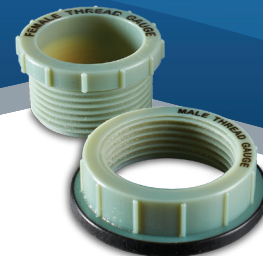
Objet500 Connex2 Makes 3D Printing As Easy As 1-2-3.

1. **Prepare the file.** Create your 3D model with 3D CAD software, then open Objet Studio software, upload the STL file and click "print." Objet Studio converts your STL file into 3D model print paths – including support structures.

2. **Print your model.** PolyJet technology makes it possible to build a multi-material 3D model and its support material – layer by layer – from the bottom up.

3. **Remove supports.** Take your printed model out of the printer's build chamber and easily remove support material using a WaterJet.

Stratasys | www.stratasys.com | info@stratasys.com

7665 Commerce Way
Eden Prairie, MN 55344
+1 888 480-3548 (US Toll Free)
+1 952 937-3000 (Intl)
+1 952 937-0070 (Fax)

2 Holtzman St.
Science Park, PO Box 2496
Rehovot 76124, Israel
+972 74 745-4000
+972 74 745-5000 (Fax)

Product Specifications

Model Materials:
- Rigid Opaque (VeroWhitePlus™, VeroBlackPlus™, VeroGray™ and VeroBlue™)
- Rubber-like (Tango™ family)
- Transparent (RGD720 & VeroClear™)
- Simulated Polypropylene (Endur™ & Durus™)
- Bio-compatible (MED610)
- High Temperature (RGD525)

Digital Materials:
- Digital ABS and Digital ABS2™
- Wide range of translucencies
- Rubber-like blends in a range of Shore A values
- Simulated Polypropylene materials with improved heat resistance

Support Material:
FullCure® 705 non-toxic gel-like photopolymer support

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)

Workstation Compatibility:
Windows 7

Network Connectivity:
LAN – TCP/IP

Size and Weight:
Objet500 Connex2:
1400 x 1260 x 1100 mm
(55.1 x 49.6 x 43.3 in)
430 kg (948 lbs)

Material Cabinet:
330 x 1170 x 640 mm
(13 x 46.1 x 26.2 in)
76 kg (168 lbs)

Power Requirements:
110–240 VAC 50/60 Hz;
1.5 KW single phase

Regulatory Compliance:
CE, FCC

Operating Conditions:
Temperature 18-25 °C
(64-77 °F); relative humidity 30-70%
(non-condensing)

Stratasys
FOR A 3D WORLD™

CONTACTEZ VOTRE REVENDEUR :

CADVISION
www.cadvision.fr

2, RUE GALILÉE
78280 GUYANCOURT
TÉL. 01.39.30.65.06
FAX. 01.39.30.65.08

CAD vision

FAITES CONFIANCE AU LEADER FRANÇAIS
REVENDEUR EN IMPRIMANTES 3D
POUR LES PROFESSIONNELS

Esprit de service

Réactivité au quotidien, et adaptabilité aux besoins de nos clients sont la meilleure expression de notre esprit de service. Support technique de nos clients au travers d'une maintenance de proximité et de qualité. Services : Formations, Assistance sur site et consulting.

Qui Sommes-Nous

Filliale du groupe d'ingénierie français ING'EUROP, CADvision assure la commercialisation, la mise en place, les services de formation et le suivi technique sur l'ensemble de la gamme Stratasys.

Leader français sur le marché des imprimantes 3D professionnelles, nous revendons également des solutions de CAO 3D.

Quelques références clients :

AFM - AGCO - AIRBUS - ALCATEL-LUCENT - ALDEBARAN ROBOTICS - ALSTOM - AMESYS - ARCELOR MITTAL - ARVINMERITOR - ASTRIUM - ATMEL - AXEL - BAYER - BODET - BRUKER BIOSPIN - BWI - CANON - CASSIDIAN - CCG VERITAS - CEA - CHUBB SECURITE - CNES - CNRS - COBHAM - CONTINENTAL - COTY PRESTIGE BEAUTY - CYBERNETIX - DANONE - DCNS - DECATHLON - DELPHI - EADS - ESSILOR - E-SWIN - FAGORBRANDT - FIVES - FAURECIA - GE HEALTHCARE - GECINA - GILSON - GROUPE SEB - GROUPE CARAVELLE - HORIBA - HUTCHINSON - IFP - IFREMER - IMAJE MARKEM - INEO - INTERTECHNIQUE - ITER - ITW - JAEGER - JDSU - JOHNSON CONTROLS - KBS - KEOPSYS - LEGRAND - LES IUT - LES LYCEES TECHNIQUES - LES ECOLES D'INGENIEURS - LISI - LORIENCE - L'OREAL - MAIF - MAPED - MIKLI - MILLIPORE - MINISTERES - MITSUBISHI ELECTRIC - NAGRACARD - NESTLE - NEWELL - NEXTER - OLDHAM - ONERA - ORANGE LABS - PARKEON - PARROT - PHILIPS FRANCE - PITNEY BOWES - PSA PEUGEOT CITROEN - QINETIQ - QUALIFORM - QUALIPAC - QUANTHOUSE - RATP - REFLEX CONSULTING - RENAULT - RENAULT SPORT F1 - ROCKWELL COLLINS - RTE-EDF - SAGEM-SAFRAN - SAINT GOBAIN - SALOMON - SANOFI AVENTIS - SCHLUMBERGER - SCHNEIDER ELECTRIC - SEALYNX - SIEMENS - SNCF - SNECMA - STMICROELECTRONICS - TECHNICOLOR - THALES - TRELLEBORG - TRW CARS FRANCE - TYCO - UNIFIRST - UNIVERSITES FRANCAISES - VALEO - WINLIGHT SYSTEMS - XIRING - YAMAHA - ZODIAC