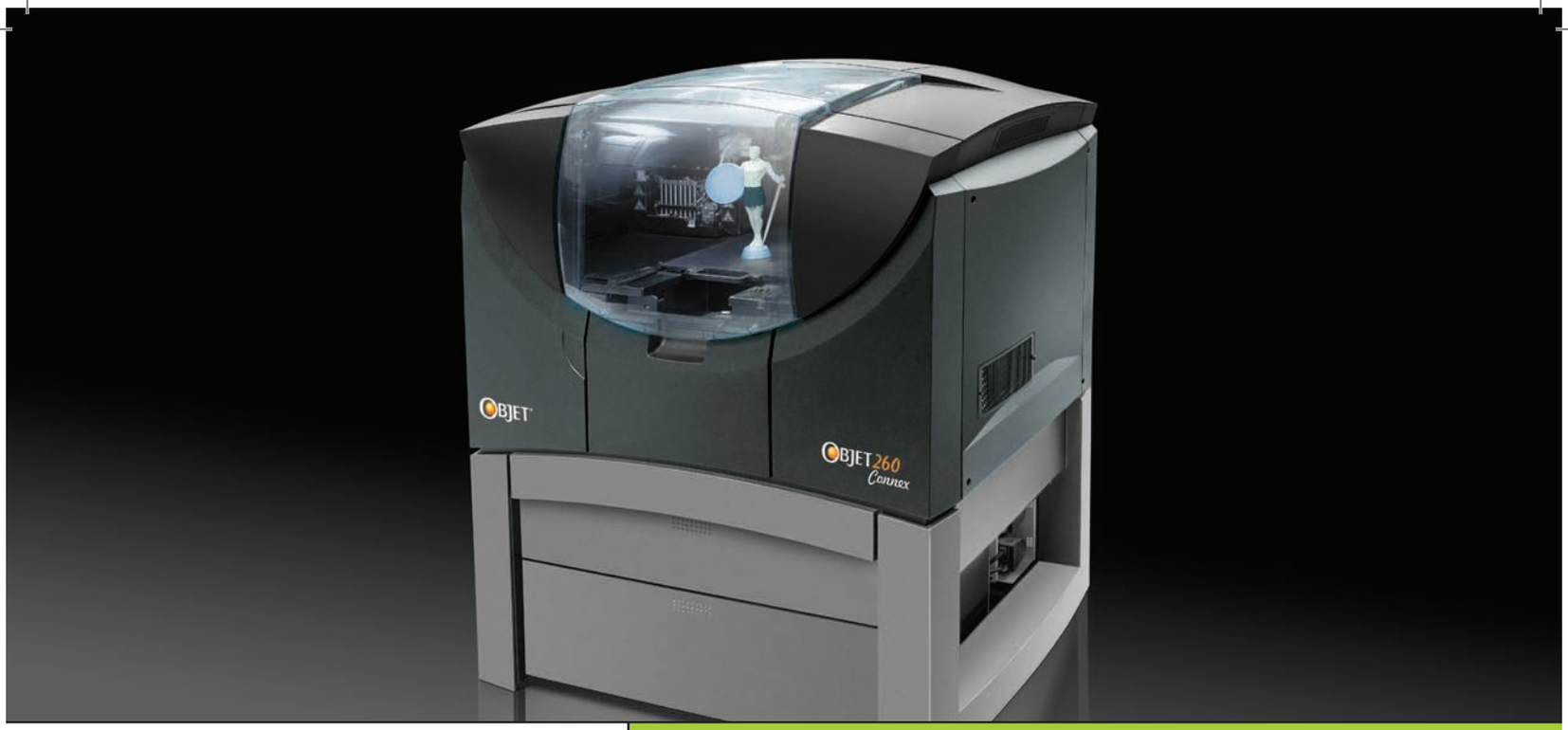

Objet260 Connex

Compact Multi-Material 3D Printing System

- **A Revolution in True-Product Representation**

  The Objet260 Connex is an affordable, compact version of Objet's pioneering line of multi-material 3D printers. It enables designers and engineers to rapidly build prototypes to simulate their intended end-product closer than any other technology.

- **What's Unique About Objet Connex?**

  Using Objet's patented simultaneous multi-material jetting technology, the Objet260 Connex can print up to 14 different material properties within a single printed part. The system is uniquely useful for designers and engineers looking to effectively highlight the varying material components in complex or assembled products.

- **Freedom to Select your Own Materials**

  From an unrivalled range of over 60 materials, the Objet260 Connex allows users to select as many as up to 51 Digital Materials with varying mechanical properties, textures and shades simulating anything from rubber to transparency to rigid engineering plastics.

- **The Best. Now in a Smaller Package**

  The Objet260 Connex combines Objet's outstanding 16-micron, high-resolution layer accuracy and multi-material printing with a tray size of 260 x 260 x 200 mm (10.2 x 10.2 x 7.9 inch), small enough to fit in the corner of any office. The system is small, quiet and uses easy to insert materials that come in fully-sealed REACH compliant cartridges.

- **Harness your Creativity. Advance your Business**

  The Objet260 Connex gives you the fullest possible idea of how your end product will look and perform. It encourages designers and engineers to explore and innovate and helps them to make the right choices in a much shorter time.

  And the result for your business? A better end product, that's delivered to market faster and more cost-efficiently than ever before.

OBJET

Objet260 Connex

Compact Multi-Material 3D Printing System

Technical Specifications

Layer Thickness (Z-axis)
Horizontal build layers down to 16-micron

Tray Size (X×Y×Z)
260×260×200 mm (10.2 x 10.2 x 7.9 inch)

Net Build Size (X×Y×Z)
255×252×200 mm (10.0 x 9.9 x 7.9 inch)

Build Resolution
X-axis: 600 dpi
Y-axis: 600 dpi
Z-axis: 1600 dpi

Printing Modes
Digital Material (DM): 30-micron (0.001 inch)
High Quality (HQ): 16-micron (0.0006 inch)
High Speed (HS): 30-micron (0.001 inch)

Typical 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)

Materials Supported
- Objet ABS-like Digital Material (RGD5160-DM)
- Objet VeroClear rigid transparent
- Objet Tango family of rubber-like flexible
- Objet FullCure®720 general purpose transparent material
- Objet Vero family of rigid opaque
- Objet DurusWhite polypropolyne-like

Digital Materials
Wide range of composite materials fabricated on the fly including:
- Engineering plastics such as Objet ABS-like Digital Material (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 Type
- Objet FullCure®705 Support
- Non-toxic gel-like photopolymer support easily removed by WaterJet

Materials Cartridges:
- Four sealed 3.6 kg (7.9 lb) cartridges
- Objet VeroClear, Objet Tango family Objet DurusWhite and Components of Objet ABS-like Digital Material 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

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

Machine Dimensions (W×D×H)
870×735×1200 mm (34.3 x 28.9 x 47.2 inch)

Machine Weight
Net 264 kg (582 lb)
Gross (in crate) 310 kg (683 lb)

Objet Studio™ features:
- Easy selection of materials including Digital Materials
- Part separation into sub-assemblies
- Automatic real-time support structure generation
- Suggested build orientation, speed and auto-placement
- Slice on the fly
- Network version

Input Format
STL, OBJDF and SLC File

Operational Environment
Temperature 18°C – 25°C (64.5°F to 71.5°F)
Relative Humidity 30 – 70%

CADMatrix™ Add-in
CADMatrix add-in enables designers and engineers to seamlessly assign Objet model materials to multi-part, multi-material designs within CAD software*, thus allowing for increased control of 3D model validation.

Special Facility Requirements
None

Print Heads
8 units

Network Communication
LAN – TCP/IP

Compatibility
Windows XP, Windows Vista, Windows 7

* CAD software: CADMatrix is compatible with the following: Pro/Engineer®, SolidWorks, AutoDesk Inventor

3D Models Printed on Objet260 Connex Compact Multi-Material 3D Printer.





ABOUT OBJET GEOMETRIES

Objet Geometries Ltd., the innovation leader in 3D printing for rapid prototyping and additive manufacturing, provides 3D printing systems that enable manufacturers and industrial designers to reduce cost of product development and dramatically shorten time-to-market of new products.

Objet's ultra-thin-layer, high-resolution 3D printing systems and materials utilize PolyJet™ polymer jetting technology, to print ultra-thin 16-micron layers. The market-proven Objet Eden™ line of 3D Printing Systems and the Objet24 and Objet30 Desktop 3D printers are based on Objet's patented office-friendly PolyJet™ Technology. The Objet Connex™ family is based on Objet's PolyJet Matrix Technology, which jets multiple model materials simultaneously and creates composite Digital Materials™ on the fly. All Objet systems use Objet's FullCure® materials to create accurate, clean, smooth, and highly detailed 3D parts.

Objet systems are in use by world leaders in many industries, such as Education, Medical / Medical Devices & Dental, Consumer Electronics, Automotive, toys, consumer goods, and footwear industries in North America, Europe, Asia, Australia, and Japan.

Founded in 1998, Objet serves its growing worldwide customer base through offices in USA, Mexico, Europe, Japan, China and Hong Kong, and a global network of distribution partners. Objet owns more than 50 patents and patent pending inventions. For more information, visit us at www.objet.com.

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Q2/11

Connex350

Multi-material 3-Dimensional Printing System

Enter the world of multi-material 3D printing

with innovative PolyJet Matrix™ Technology

- Closer-than-ever simulation of end products combining multiple materials
  - Multi-material parts: simultaneous jetting of different model materials
  - Mixed tray: different parts made with different materials in a single build
- Wide range of FullCure® and composite materials: photopolymer model and support materials; on-the-fly composite Digital Materials™
- Variety of build process and printing modes
- Boost your creativity with multiple materials and composite materials featuring varied material properties and tones
- Outstanding quality and accuracy
- 16-micron, high-resolution layers ensure smooth surfaces and fine details
- Build tray size of 350x350x200 mm: ideal for a wide range of parts and assemblies
- Ease-of-use in an office environment

OBJET

Connex350

Multi-material 3-Dimensional Printing System

Technical Specifications

Layer Thickness (Z-axis)
Horizontal build layers down to 16-micron

Tray Size (X×Y×Z)
350×350×200 mm (13.8×13.8×7.9 inch)

Net Build Size (X×Y×Z)
342×342×200 mm (13.4×13.4×7.9 inch)

Build Resolution
X-axis: 600 dpi
Y-axis: 600 dpi
Z-axis: 1600 dpi

Printing Modes
Digital Material (DM): 30-micron (0.001 inch)
High Quality (HQ): 16-micron (0.0006 inch)
High Speed (HS): 30-micron (0.001 inch)

Typical 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)

Supported Model Materials
- FullCure®720 General Purpose, transparent material
- Vero Family opaque materials
- DurusWhite Polypropylene-like material
- Tango Family rubber-like flexible material

Digital Materials
Wide range of composite materials fabricated on the fly

Support Type
- FullCure®705 Support
- Non-toxic gel-like photopolymer support easily removed by WaterJet

Materials 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 3.6 kg casing
- Two different model materials loaded
- Front loading for quick replacement

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

Machine Dimensions (W×D×H)
1420×1120×1130 mm
(55.9×44.1×44.5 inch)

Machine Weight
Net 500kg (Net 1102 lb)

Operational Environment
18°C to 22°C (64.5°F to 71.5°F)
Relative Humidity 30 – 70%

Compatibility
Windows XP, Windows Vista

Software
Objet Studio™ for Connex350 features:
- Easy selection of materials including Digital Materials
- Part separation into sub-assemblies
- Automatic real time support structure generation
- Suggested build orientation and speed, auto-place
- Slice on the fly
- PolyLog™ Materials Management
- Network version

Input Formats
STL, OBJDF and SLC Files

CADMatrix™ Add-in
CADMatrix add-in enables designers and engineers to seamlessly assign Objet model materials to multi-part, multi-material designs within CAD software*, thus allowing for increased control of 3D model validation.

Special Facility Requirements
None

Print Heads
8 Units

Network Communication
LAN – TCP/IP

* CAD software: CADMatrix™ is compatible with the following: Pro/ENGINEER®, SolidWorks, AutoDesk Inventor

ABOUT OBJET GEOMETRIES

Objet Geometries Ltd., the innovation leader in 3D printing for rapid prototyping and additive manufacturing, provides 3D printing systems that enable manufacturers and industrial designers to reduce cost of product development and dramatically shorten time-to-market of new products.

Objet's ultra-thin-layer, high-resolution 3D printing systems and materials utilize PolyJet™ polymer jetting technology, to print ultra-thin 16-micron layers. The market-proven Objet Eden™ line of 3D Printing Systems and the Objet24 and Objet30 Desktop 3D printers are based on Objet's patented office-friendly PolyJet™ Technology. The Objet Connex™ family is based on Objet's PolyJet Matrix Technology, which jets multiple model materials simultaneously and creates composite Digital Materials™ on the fly. All Objet systems use Objet's FullCure® materials to create accurate, clean, smooth, and highly detailed 3D parts.

Objet systems are in use by world leaders in many industries, such as Education, Medical / Medical Devices & Dental, Consumer Electronics, Automotive, toys, consumer goods, and footwear industries in North America, Europe, Asia, Australia, and Japan.

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Q2/11

Connex500

The First Multi-material 3-Dimensional Printing System

Bring your models closer to your end products

with innovative PolyJet Matrix™ Technology

- Closer-than-ever simulation of end products combining multiple materials
  - Multi-material parts: simultaneous jetting of different model materials
  - Mixed tray: different parts made with different materials in a single build
- Wide range of FullCure® and composite materials: photopolymer model and support materials; on-the-fly composite Digital Materials™
- Variety of build process and printing modes
- Boost your creativity with multiple materials and composite materials featuring varied material properties and tones
- Outstanding quality and accuracy
- 16-micron, high-resolution layers ensure smooth surfaces and fine details
- Superb productivity with large-size build tray of 500x400x200 mm
- Ease-of-use in an office environment

OBJET

Connex500

The First Multi-material 3-Dimensional Printing System

Technical Specifications

Layer Thickness (Z-axis)
Horizontal build layers down to 16-micron

Tray Size (X×Y×Z)
500×400×200 mm (19.7×15.7×7.9 inch)

Net Build Size (X×Y×Z)
490×390×200 mm (19.3×15.4×7.9 inch)

Build Resolution
X-axis: 600 dpi
Y-axis: 600 dpi
Z-axis: 1600 dpi

Printing Modes
Digital Material (DM): 30-micron (0.001 inch)
High Quality (HQ): 16-micron (0.0006 inch)
High Speed (HS): 30-micron (0.001 inch)

Typical 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)

Supported Model Materials
- FullCure®720 General Purpose, transparent material
- Vero Family opaque materials
- DurusWhite Polypropylene-like material
- Tango Family rubber-like flexible material

Digital Materials
Wide range of composite materials fabricated on the fly

Support Type
- FullCure®705 Support
- Non-toxic gel-like photopolymer support easily removed by WaterJet

Materials 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 3.6 kg casing
- Two different model materials loaded
- Front loading for quick replacement

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

Machine Dimensions (W×D×H)
1420×1120×1130 mm
(55.9×44.1×44.5 inch)

Machine Weight
Net 500kg (Net 1102 lb)

Operational Environment
18°C to 22°C (64.5°F to 71.5°F)
Relative Humidity 30 – 70%

Compatibility
Windows XP, Windows Vista

Software
Objet Studio™ for Connex500 features:
- Easy selection of materials including Digital Materials
- Part separation into sub-assemblies
- Automatic real time support structure generation
- Suggested build orientation and speed, auto-place
- Slice on the fly
- Network version

Input Formats
STL, OBJDF and SLC Files

CADMatrix™ Add-in
CADMatrix add-in enables designers and engineers to seamlessly assign Objet model materials to multi-part, multi-material designs within CAD software*, thus allowing for increased control of 3D model validation.

Special Facility Requirements
None

Print Heads
8 Units

Network Communication
LAN – TCP/IP

* CAD software: CADMatrix™ is compatible with the following: Pro/ENGINEER®, SolidWorks, AutoDesk Inventor

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