



## EDEN260

### The 16 Micron Layer 3-Dimensional Printing System

Build high-quality, highly accurate models right in your office

- Ultra-thin-layer PolyJet™ technology
- 16 micron high resolution ensures smooth surfaces and fine details
- Tray size: 10.2×10.2×7.9 inch (260×260×200 mm)
- Office environment
- Wide range of materials: FullCure®720, VeroWhite™, VeroBlue™, VeroBlack™
- Single support for all model materials
- “Click & build” network printer

### Technical Specifications

#### Layer Thickness (Z-axis)

Horizontal build layers down to 16-micron

#### Tray Size (X×Y×Z)

10.2×10.2×7.9 inch (260×260×200 mm)

#### Net Build Size (X×Y×Z)

10.2×9.8×7.9 inch (260×250×200 mm)

#### Build Resolution

X-axis: 600 dpi  
Y-axis: 300 dpi  
Z-axis: 1600 dpi

#### Printing Modes

High Quality (HQ): 16-micron

#### Accuracy

0.004 – 0.008 inch (0.1 – 0.2mm) typical  
(accuracy varies according to geometry, part orientation and print size)

#### Material Supported

- FullCure®720 Model transparent
- VeroWhite Opaque material
- VeroBlue Opaque material
- VeroBlack Opaque material

#### Support Type

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

#### Materials Cartridges

Sealed 2×4.4 lb. (2×2 kg) cartridges easily and instantly replaced through a front-loading door

#### Power Requirements

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

#### Machine Dimensions (W×D×H)

34.3×29×47 inch (870×735×1200 mm)

#### Machine Weight

Net 617 lb. (280 kg)  
Gross (in crate) 727.5 lb. (330 kg)

#### Software

- Objet Studio™ features:
- Suggested build orientation and speed, Auto-placement
  - Automatic real time support structure generation
  - Slice on the fly

- PolyLog™ Materials Management
- Network version

#### Input Format

STL and SLC File

#### Operational Environment

Temperature 64 – 77 °F (18 – 25 °C)  
Relative Humidity 30 – 70%

#### Special Facility Requirements

None

#### Jetting Heads

SHR (Single Head Replacement), 8 units

#### Network Communication

LAN – TCP/IP

#### Compatibility

Windows XP, Windows 2000

#### Other Features

- Removable tray for high productivity
- Quiet office operation

\*All specification are subject to change without notice



### About Objet Geometries

Objet Geometries, the photopolymer jetting pioneer, develops, manufactures and globally markets ultra-thin-layer, high-resolution 3-dimensional printing solutions for rapid prototyping and rapid manufacturing.

The market-proven Eden™ line of systems is based on Objet's patented office-friendly PolyJet™ technology. Objet's FullCure® materials create accurate, clean, smooth and highly detailed 3-dimensional models, enabling even the most complex 3-D models to be printed with exceptionally high quality, accuracy and speed.

Connex500™, Objet's latest innovation, is based on Objet's PolyJet Matrix™ technology, which offers jetting multiple model materials simultaneously. PolyJet Matrix jets Digital Materials™ creating composite

materials which are fabricated on the fly.

Objet's solutions enable manufactures and industrial designers to reduce cost of product development cycles and dramatically shorten time-to-market of new products. Objet systems are in use by world leaders in many industries, such as automotive, electronics, toy, 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, Europe and Hong Kong, and a global network of distribution partners. Objet owns more than 50 patents and patent pending inventions.

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