Advance to Eden quality
The cost effective route to superior models

- Ultra-thin-layer PolyJet™ technology
- 16 micron high resolution ensures smooth surfaces and fine details
- Tray size: 260×260×200 mm
- Office environment
- Wide range of materials: FullCure®720, Vero and Durus
- High Speed & High Quality Printing Modes
- “Click & build” network printer
The 16-Micron-layer 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

**Net Build Size (X×Y×Z)**
250×250×200 mm

**Build Resolution**
- X-axis: 600 dpi
- Y-axis: 300 dpi
- Z-axis: 1600 dpi

**Printing Modes**
- High Quality (HQ): 16-micron
- High Speed (HS): 30-micron

**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)

**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 2×2 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)**
870×735×1200 mm

**Machine Weight**
- Net 280 kg
- Gross (in crate) 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 18˚C – 25˚C
Relative Humidity 30 – 70%

**Special Facility Requirements**
None

**Jetting Heads**
SHR (Single Head Replacement), 4 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*