Superior accuracy, high quality and the power of a large system in a small footprint

- Ultra-thin-layer PolyJet™ technology
- 16 micron high resolution ensures smooth surfaces and fine details
- Tray size: 260×260×200 mm
- High Speed and High Quality Printing Modes
- Wide range of materials: FullCure®720, Tango, Vero and Durus
- 72 hours of unattended continuous printing
- Optimax for automation of resin handling
- Small footprint: 870×740×1200 mm
- Office environment
- Upgradable to Objet260 Connex 3D Printer
Technical Specifications

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

Tray Size (XxYxZ)
260x260x200 mm

Net Build Size (XxYxZ)
255x252x200 mm

Build Resolution
X-axis: 600 dpi
Y-axis: 600 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
• Objet FullCure®720: transparent material
• Objet VeroClear: transparent clear material
• Objet Vero family: rigid opaque material
• Objet DurasWhite: polypropylene-like material
• Objet Tango family: rubber-like material
• Objet RGDS25: high temperature resistant material

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

Materials Cartridges
Sealed 4x3.6 kg cartridges
Automatic switching between cartridges
Easily and instantly replaced through a frontloading door

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

Machine Dimensions (Wx Dx H)
870x735x1200 mm

Machine Weight
Net 410 kg
Gross (in crate) 500 kg

Software
Objet Studio™ features:
• Optimax-printing optimization package
• Automatic real time support structure generation
• Slice on the fly
• PolyLog™ Materials Management
• Network version

Input Format
STL and STL File

Operational Environment
Temperature 18°C–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

*All specification are subject to change without notice.

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