

Objet30 Pro

Professional Desktop 3D Printer

Now with 7 Materials including Clear Transparent and High Temperature!



The Ultimate in Professional **Desktop 3D Printing**

High End Performance with a Small Footprint

The *Objet30 Pro* is a 3D printer that combines the accuracy and versatility of a high-end rapid prototyping machine with the small footprint of a regular desktop printer. The *Objet30 Pro* provides a number of unique capabilities in one machine: the industry's highest level print resolution and 7 different 3D printing materials.

In fact, the **Objet30 Pro** is the world's only desktop 3D printer capable of printing in clear transparent material, high-temperature resistant material and polypropylene-like material.

Combine these with Stratasys' obsession with reliability and ease of use and you get a world-class 3D printer for every prototyping capability that you could need, in-house.

Built with your Applications Needs in Mind

Featuring a compact build tray size of 300 X 200 X 150 mm, the *Objet30 Pro* is ideal for the rapid prototyping needs of companies producing Consumer Goods, Consumer Electronics, Medical Devices as well as Rapid Prototyping Service Bureaus and Design Consultancies.

Ensure the Successful Delivery of Product Concept to Creation

Packing a punch well beyond its size, the *Objet30 Pro* is the ultimate prototyping solution for designers, engineers and product managers. By providing the industry's highest levels of prototyping accuracy and material versatility, the *Objet30 Pro* ensures dramatic cuts to product development times and promises the successful delivery of concept to final product creation.



The Industry's Widest Desktop Versatility with 7 Materials



- 1 Windscreen, Headlamps & Base in **Objet Transparent Material** (Objet VeroClear) for fit and form testing of transparent parts & PMMA simulation
- 2 Engine & Radiator in Objet High Temperature Material for advanced functional testing, hot air & water flow, static applications & exhibition modeling
- 3 Bodywork –
 in **Objet Rigid Gray Material** (Objet VeroGray)
 ideal for fine detail emphasis and superior
 dimensional stability
- Chassis & Wheels in Objet Rigid Black Material (Objet VeroBlack)
- 5 Seats –
 in **Objet Rigid Blue Material** (Objet VeroBlue)
 ideal for fine detail emphasis & photography
- 6 Hubcaps –
 in **Objet Rigid White Material** (Objet VeroWhitePlus)
 for multi-purpose applications
- 7 Axels & Crankshaft in Objet Polypropylene-like Material (Objet DurusWhite) for Polypropylene like snap fits applications

Technical Specifications - Objet30 Pro

Layer Thickness (Z-axis)

Horizontal build layers of 28 microns (0.0011 inch)

Horizontal build layers of 16 microns for VeroClear material (0.0006 inch)

Tray Size (X×Y×Z)

 $300 \times 200 \times 150 \text{ mm}$ (11.81 × 7.87 × 5.9 inches)

Net Build Size (X×Y×Z glossy)

294 x 192 x 148.6 mm (11.57 x 7.55 x 5.85 inches)

Build Resolution

X-axis: 600 dpi Y-axis: 600 dpi Z-axis: 900 dpi

Accuracy (glossy) @ Operating Environment

0.1 mm (0.0039 inch) typical Accuracy may vary depending on part geometry, size, orientation, material and post processing method

Model Materials

- VeroClear Transparent
- RGD525 High Temperature
- VeroWhitePlus Opaque
- VeroBlue Opaque
- VeroBlack Opaque
- VeroGray Opaque
- DurusWhite Polypropylene-like

Support Material

- FullCure®705
- Non-toxic gel-like photopolymer
- Easily removed by WaterJet

Materials Cartridges

Sealed 4 x 1 kg (2.2 lbs) cartridges

Power Requirements

Single phase:

100 to 200VAC; 50/60Hz; 7A 200 to 240VAC; 50/60Hz; 3.5A

Product Dimensions (W×D×H)

 $82.5 \times 62 \times 59 \text{ cm}$ (32.28 × 24.4 × 23.22 inches)

Product Weight 93 kg (205 lbs)

75 Ng (205 105)

Frontend Software Objet Studio™ features:

- Automatic build orientation
- Automatic real time support structure generation
- Slice on the fly

OS Workstation Compatibility

Windows XP, Windows 7 32/64-bit

Network Connectivity

Ethernet TCP/IP 10/100 base T

Input File Format

STL and SLC Files

Operating Environment

Temperature:

18°C to 25°C (64°F to 77°F)

Humidity:

30 to 70% RH (non-condensing)

Special Facility Requirements

None

Jetting Heads

2 printing heads SHR (Single Head Replacement)

Regulatory Compliance

CE/FCC/RoHS

Other Features

Quiet office operation

*All specifications are subject to change without notice





















THE **POWER** TO **CREATE**

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