



# Objet30 Dental Prime

## The precision of digital dentistry at an affordable price.

With the Objet30 Dental Prime™, 3D print a variety of dental applications, eliminating the need to outsource model production.

The Objet30 Dental Prime offers digital dentistry benefits at an affordable price and in a compact desktop size to fit your lab's needs. With a tray size of 300 x 200 x 100 mm (11.81 x 7.87 x 3.94 in.) and three print modes, the Objet30 Dental Prime allows you to expand your lab's capabilities with the ability to print crown and bridge models, RPD patterns, diagnostic wax-ups and surgical guides. Print orthodontics arches faster than ever with the Draft mode.

## Choose from three print modes for maximum versatility:

- **High quality:** Captures the finest feature detail with the ability to 3D print in 16-micron resolution.
- **High speed:** Balances speed and accuracy to a layer thickness of 28 microns.
- **Draft mode:** Offers the fastest and most economical printing mode for orthodontic models at a 36-micron resolution.



LEARN MORE ABOUT THE OBJET30 DENTAL PRIME AT [STRATASYS.COM](http://STRATASYS.COM)



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## PRODUCT SPECIFICATIONS

### Model Materials:

Clear Bio-compatible (MED610)  
VeroDentPlus™ (MED690)  
VeroGlaze™ (MED620)

### Support Material:

SUP705 (WaterJet removable)  
SUP706 (soluble)

**Build Size:** 300 x 200 x 100 mm  
(11.81 x 7.87 x 3.94 in.)

**Accuracy:** 0.1 mm (.0039 in.) varies depending on part geometry, size, orientation, material and post-processing method

**Minimum Layer Thickness:** 16 microns  
(.0006 in.)

### Build Modes:

High quality: 16-micron (.0006 in.) resolution  
High speed: 28-micron (.0011 in.) resolution  
Draft mode: 36-micron (.0015 in.) resolution

**Software:** Objet Studio™ intuitive 3D printing software

**Workstation Compatibility:** Windows 7 and Windows 8

**Network Connectivity:** Ethernet TCP/IP 10/100 base T

**Size and Weight:** 82.5 x 62 x 59 cm  
(32.28 x 24.4 x 23.22 in.); 106 kg (234 lbs.)

**Operating Conditions:** Temperature 18-25 °C  
(64-77 °F); relative humidity 30-70%

**Power Requirements:** Single phase: 100-200V; 50-60Hz; 7A or 200-240V; 50-60Hz; 3.5A

**Regulatory Compliance:** C CE/FCC/RoHS

## STREAMLINE YOUR LAB'S WORKFLOW WITH THE OBJET30 DENTAL PRIME:

### Increase productivity and capacity.

- Dramatically cut production time by eliminating manual modeling.
- Increase production capacity with a 3D printer that can build multiple models on one tray.

### Reliably consistent and accurate models.

- 3D print models directly from CAD/CAM design software.
- Create models with fine feature quality and smooth surface finish.

### Easy to use.

- No digital design knowledge required to operate the printer
- Clean, quiet process

### Office-friendly dental materials.

- Build models with easy-to-handle materials that pose no biohazard safety or risk of materials contamination.
- Multiple material options including Clear Bio-compatible (MED610), VeroGlaze (MED620) and VeroDentPlus (MED690) let you choose the best material for your need.

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