

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 two print modes, the Objet30 Dental Prime allows you to expand your lab's capabilities with the ability to print crown and bridge stone models, casting patterns for removable partial dentures, diagnostic wax-ups and surgical guides.

Choose from two print modes for maximum versatility:

- High quality: Capture fine feature detail with the ability to 3D print in 16-micron resolution.
- High speed: 3D print dental applications quickly and accurately to a layer thickness of 28 microns.





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PRODUCT SPECIFICATIONS

Model Materials:

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

Support Material:

SUP705
(WaterJet removable)

Build Size:

300 x 200 x 100 mm
(111.81 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

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.
- Work directly from intraoral scans.

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
- Clean, quiet process

Office-friendly dental materials.

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

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