

Objet260 and Objet500

DENTAL SELECTION

The most versatile dental 3D printers on the market.

The Objet260 and Objet500 Dental Selection™ are the only dental 3D printers to run on triple-jetting technology, which is PolyJet™ 3D Printing at its most advanced. They deliver:

- Lifelike color, texture and detail: 3D print rigid and gum-like features in a range of realistic tooth and gum shades.
- Many materials in one job: Build multi-material dental models in one piece, or complete several small models from diverse materials in one unattended job.
- Efficient workflow: Maximize uptime by running your three most-used materials simultaneously.

The Objet260 and Objet500 Dental Selection support all Stratasys dental materials, plus an array of dental-specific palettes to produce lifelike colors and textures for teeth and gums. Create:

- Stone models for implant testing with gum-like texture for accurate functional evaluation
- Models with gum-like materials or a mix of rigid and gum-like components
- Jaw models printed directly from CBCT scan data with high-definition tooth, root and nerve canal anatomy rendered in contrasting materials

Objet260 Dental Selection: Achieve maximum versatility in a compact size.

Objet500 Dental Selection: Get all the capabilities of the Objet260 Dental Selection, plus a larger tray size.





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Integrate the Dental Selection 3D Printers into your dental or orthodontic lab experience:

Increased productivity and capacity.

- Dramatically cut production time with a 3D printer that can multi-task by building diverse models on one tray and managing multiple materials at once
- Increase unattended run time with less materials changeovers
- Support all open format color intraoral scanners

Realistic accuracy and detail.

- Unprecedented realism in look and feel with lifelike gum textures for precise evaluation
- Wide range of shades for customized color matching

Ease of use.

- No digital design knowledge required
- Clean, quiet process

Environmentally safe dental materials.

- Build models with easy-to-handle materials that pose no biohazard safety or disposal concerns

SYSTEM SPECIFICATIONS

Model Materials	Clear Bio-compatible (MED610) VeroGlaze™ (MED620) VeroDent™ (MED670) VeroDentPlus™ (MED690) VeroWhite™ VeroMagenta™ TangoPlus™ TangoBlackPlus™ Range of gum-like Digital Materials Digital Materials in a range of natural tooth shades
Support Material	SUP705 (WaterJet removable)
Maximum Build Size (XYZ)	Objet260: 255 x 252 x 200 mm (10.0 x 9.9 x 7.9 in.) Objet500: 490 x 390 x 200 mm (19.3 x 15.4 x 7.9 in.)
Minimum Layer Thickness	Horizontal build layers as fine as 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/Windows 8
Network Connectivity	LAN – TCP/IP
System Size and Weight	Objet260: 870 x 735 x 1200 mm (34.3 x 28.9 x 47.2 in.); 264 kg (582 lbs.) <i>Material Cabinet:</i> 330 x 1170 x 640 mm (13 x 46.1 x 26.2 in.); 76 kg (168 lbs.) Objet500: 1400 x 1260 x 1100 mm (55.1 x 49.6 x 43.3 in.); 430 kg (948 lbs.) <i>Material Cabinet:</i> 330 x 1170 x 640 mm (13 x 46.1 x 26.2 in.); 76 kg (168 lbs.)
Operating Conditions	Temperature 18-25°C (64-77°F); relative humidity 30-70% (non-condensing)
Power Requirements	110-240 VAC 50/60 Hz; 1.5 kW single phase
Regulatory Compliance	CE, FCC

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