



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.



LEARN MORE ABOUT THE OBJET260 AND OBJET500 DENTAL SELECTION AT STRATASYS.COM



Objet260 and Objet500

DENTAL SELECTION

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.

- Choose from two support material options: SUP705, which is easily removed with a WaterJet; and SUP706, which is both easily removed by a WaterJet and soluble for automated post-processing and increased geometric freedom to print complex and delicate features and small cavities
- 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
- Choose biocompatible-approved SUP706 support material for use with other PolyJet biocompatible materials

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) SUP706 (soluble)
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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