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.

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 manage multiple materials at once
- Increase unattended run time with fewer material 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 SUP706B™, 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 SUP706B support material for use with other PolyJet biocompatible materials
## System Specifications

**Model Materials**

**Support Material**
SUP705 (WaterJet removable), SUP706B (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

<table>
<thead>
<tr>
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<th>Objet260:</th>
<th>Objet500:</th>
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</thead>
<tbody>
<tr>
<td>System Size</td>
<td>870 x 735 x 1200 mm (34.3 x 28.9 x 47.2 in.)</td>
<td>1400 x 1260 x 1100 mm (55.1 x 49.6 x 43.3 in.)</td>
</tr>
<tr>
<td>Material Cabinet</td>
<td>330 x 1170 x 640 mm (13 x 46.1 x 26.2 in.)</td>
<td>330 x 1170 x 640 mm (13 x 46.1 x 26.2 in.)</td>
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<tr>
<td>Weight</td>
<td>264 kg (582 lbs.)</td>
<td>430 kg (948 lbs.)</td>
</tr>
<tr>
<td>Material Cabinet</td>
<td>76 kg (168 lbs.)</td>
<td>76 kg (168 lbs.)</td>
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### 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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