Digital Dentistry in Action

EnvisionTEC 3D printers are known for accuracy, surface finish, reliability, and speed. Our machines also deliver extreme flexibility with the power to print multiple materials.

- **Models**
- **Castables**
- **Restorations**
- **Appliances**

**Specifications subject to change**
Industry-Leading Dental Portfolio

Our printers can process multiple materials on the same machine – delivering the ultimate in 3D printing flexibility. The popular Vida desktop can process models, castables, restorations and appliances, all using the same build tray.

**E-Model Light** is the most versatile model material on the market. It is ideal for high precision crown and bridge models as well as orthodontic models for use with vacuum forming, spray-on, doughing and soldered methods of appliance fabrication.

**E-Dent 100/400** is the optimal material for the direct printing of crown, bridge and full roundhouse temporary restorations. This material can be characterized.

**E-Denture** natural looking denture base material has low shrinkage, allowing for exceptional fit when producing removable denture bases.

**E-Gum** is a flexible material that simulates the patient’s gum in flexible gingiva masks for the successful restoration of implants.

**PIC 100 C** is a specialized castable formula for use with cDLM technology to create high quality copings, crowns, bridges and partial denture frameworks.

**Press-E-Cast** produces highly accurate castable wax copings, crowns and bridges with thin walls for a tight fit. It is ideal for using a rapid burnout when casting or it can also be used for pressed ceramic restoration preparation techniques.

**E-Partial** is a castable material suitable for use in the production of crowns and partial denture frameworks for direct investment casting in semi-precious metals. It’s high flexural strength ensures clasp flex without breakage.

**E-Guard** is a biocompatible, transparent material for the production of accurate bite splints, night guards and retainers.

**E-Guide Tint** is a material ideal for the production of accurate drill guides used in implant surgery.

**E-IDB** is a new material for the production of indirect bonding trays for quick and accurate placement of brackets.

Specifications subject to change.
Dental Desktops

All EnvisionTEC dental 3D printers are easy to use and deliver high accuracy, surface finish and speed. However, build area, throughput, resolution and material processing capabilities vary based on specific application needs of dental labs, dentists and orthodontists.

<table>
<thead>
<tr>
<th>Micro</th>
<th>Vida</th>
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</thead>
<tbody>
<tr>
<td>Starter Advantage Model</td>
<td>Build Area: 140 x 79 x 100 mm 5.5 x 3.1 x 3.95 in</td>
</tr>
<tr>
<td>Build Area</td>
<td>Resolution: XY: 73 µm (0.0029 in)</td>
</tr>
<tr>
<td>65 x 40 x 100 mm</td>
<td>100 x 75 x 80 mm 3.94 x 2.95 x 3.15 in</td>
</tr>
<tr>
<td>2.36 x 1.77 x 3.94 in</td>
<td>Resolution: XY: 60 µm (0.0024 in)</td>
</tr>
<tr>
<td>Entry level affordability</td>
<td>Best-selling model</td>
</tr>
<tr>
<td>Reliable, easy-to-use machine design</td>
<td>Accurate, smooth finish</td>
</tr>
<tr>
<td>Efficient build area</td>
<td>Versatile 3D printing, prints more than 9 materials</td>
</tr>
<tr>
<td>Accurate, smooth finish</td>
<td>Balance between price and performance</td>
</tr>
</tbody>
</table>

Upgrade: Micro Plus Hi-Res for high precision restorations and Micro Plus XL for a larger build envelope

Upgrade: Vida Hi-Res with resolution suitable for crown and bridge applications

<table>
<thead>
<tr>
<th>DDDDP</th>
<th>Micro cDLM</th>
</tr>
</thead>
<tbody>
<tr>
<td>The Original Desktop Digital Dental Printer</td>
<td>Build Area: 45 x 28 x 75 mm 1.8 x 1.1 x 2.95 in</td>
</tr>
<tr>
<td>Build Area: 100 x 75 x 80 mm 3.94 x 2.95 x 3.15 in</td>
<td>Resolution: X: 39.8 µm (0.002 in.) Y: 31.25 µm (0.001 in.)</td>
</tr>
<tr>
<td>Premium DLP technology</td>
<td>Upgrade: Vida cDLM with larger build area and XY resolution of 50 µm (0.002 in.)</td>
</tr>
<tr>
<td>Accurate, smooth finish</td>
<td></td>
</tr>
<tr>
<td>Reliable, easy-to-use machine since</td>
<td></td>
</tr>
</tbody>
</table>

Specifications subject to change • Z resolution depends on material selection
EnvisionTEC's high-throughput printers are widely used in both lab settings and orthodontic practices. Consistent quality and excellent surface finish with little to no post-processing makes these workhorses essential tools for a variety of digital applications.

**3Dent 3SP**
- Fast, production 3SP technology
- Balance between volume and price
- Meets accuracy requirements for dental applications
- Built-in touchscreen
- Crisp anatomical features

Build Area:
- 266 x 175 x 76 mm
- 10.5 x 6.9 x 3 in

Resolution:
- XY: 30 µm (0.0024 in.)

**Vector 3SP**
- Even larger build area than 3Dent
- Accurate, smooth finish
- Low cost of operation

Build Area:
- 300 x 200 x 75 mm
- 11.8 x 7.9 x 3 in

Resolution:
- XY: 100 µm (0.004 in.)

Upgrades: HD version of the Vector 3SP with XY accuracy to 50 microns. Ortho version ideal for orthodontic applications. Even larger build areas with the Xtreme 3SP and Xede 3SP

**ULTRA 3SP Ortho**
- About half the price of the 3Dent with the same build area
- High production 3SP-style 3D printing
- Balance between volume and price
- Meets accuracy requirements for orthodontic applications

Build Area:
- 266 x 175 x 76.2 mm
- 10.5 x 6.9 x 3 in

Resolution:
- XY: 100 µm (0.004 in.)

**P4 DDP**
- The ultimate in accuracy, surface finish and speed

Build Area:
- 115 x 72 x 180 or 230 mm
- 4.5 x 2.8 x 7.1 or 9.06 in

Resolution:
- XY: 30 µm (0.0024 in.)

Upgrades: Medium (M) and Large (XL) version of the P4 DDP accommodate higher levels of production

Learn more: EnvisionTEC.com/Learn3SP

Specifications subject to change • Z resolution depends on material selection