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**
- Build areas: 45 x 28 mm to 90 x 50 mm
  - 1.8 x 1.1 in to 3.6 x 2.0 in

**Castables**
- Build areas: 266 x 175 mm to 457 x 457 mm
  - 10.5 x 6.9 in to 18.0 x 18.0 in

**Restorations**
- Build areas: 84 x 63 mm to 192 x 120 mm
  - 3.3 x 2.5 in to 7.6 x 4.7 in

**Appliances**
- Build areas: 45 x 28 mm to 140 x 79 mm
  - 1.8 x 1.1 in to 5.5 x 3.1 in

**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 mouth temporary restorations. This material can be characterized. *FDA approved and CE class IIa*

**E-Denture** natural looking denture base material has low shrinkage, allowing for exceptional fit when producing removable denture bases. *FDA approved and CE class IIa*

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

**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. *FDA approved and CE class IIa*

**E-Guide Tint** is a material ideal for the production of accurate drill guides used in implant surgery. *FDA approved and CE class 1*

**E-IDB** is a new material for the production of indirect bonding trays for quick and accurate placement of brackets. *FDA approved and CE class 1*

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

Micro

- Entry level affordability
- Reliable, easy-to-use machine design
- Efficient build area
- Accurate, smooth finish

Starter Advantage Model

Build Area:
65 x 40 x 100 mm
2.36 x 1.77 x 3.94 in

Resolution:
XY: 60 µm (0.0024 in)

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

Micro cDLM

- High-speed continuous 3D printing
- Accurate, smooth finish
- Delicate features, such as partial framework clasps
- Ideal for castables, crowns, models

Build Area:
45 x 28 x 75 mm
1.8 x 1.1 x 2.95 in

Resolution:
XY: 71 µm (0.0029 in)

Upgrade: Vida cDLM with larger build area and XY resolution of 50 µm (0.002 in.)

Vida

- Best-selling model
- Accurate, smooth finish
- Versatile 3D printing, prints more than 9 materials
- Balance between price and performance

Build Area:
140 x 79 x 100 mm
5.5 x 3.1 x 3.95 in

Resolution:
XY: 73 µm (0.0029 in)

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

DDDPP

- The Original Desktop Digital Dental Printer

- Premium DLP technology
- Accurate, smooth finish
- Reliable, easy-to-use machine since

Build Area:
100 x 75 x 80 mm
3.94 x 2.95 x 3.15 in

Resolution:
XY: 71 µm (0.0029 in)

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: 50 µm (0.002 in)

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

Build Area:
45 x 28 x 75 mm  
1.8 x 1.1 x 2.95 in

Resolution:
X: 39.8 µm (0.002 in)  
Y: 31.25 µm (0.001 in)

**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 7.06 or 9.06 in

Resolution:
XY: 30 µm (0.0002 in)  
with ERM

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

Learn more: EnvisionTEC.com/Learn3SP