



Envision One Desktop 3D Printer

Professional 3D Printer for Digital Dentistry

Designed for Dental Professionals

You only need one 3D printer to produce the widest variety of high-quality dental and orthodontic applications. With the ability to print 6 full arch orthodontic models in 15 minutes to 10 full dentures in under an hour and everything in between, the Envision One cDLM is the answer you have been looking for to help your lab or practice join the digital dentistry revolution.



EnvisionTEC has spent over a decade working with dental industry leaders to be sure that the Envision One is compatible with all the leading scanners and software you already know and love. The Envision One comes with EnvisionTEC's easiest processing software yet, ready to deliver optimal results in a minimum of time. You only need one, but after you've seen how much digital dentistry can transform your business, you just might want more!



Compatible With

3shape	easyrx
ArchForm	exceed Brackets. On Target
AVADENT Digital Dental Solutions	exocad
BlueSkyBio	ULAB SYSTEMS
Dolphin Imaging & Management Solutions	

Speed and Accuracy Matter

The Envision One utilizes EnvisionTEC's patented cDLM technology, a process that allows for continuous motion of the build plate in the Z direction to deliver exceptional build speeds. It also eliminates the separation forces that are commonly a problem with SLA and DLP printers. Large parts and/or multiple parts with flat surfaces can be built easily and with incredible accuracy.

As an added bonus, items printed using cDLM technology have isotropic properties, consistent throughout the build. EnvisionTEC's patented domeless material tray also solves the problem of other continuous systems that have a dome effect inherent in their builds, reducing accuracy by as much as .4 mm.



Flat parts print accurately in 20 minutes

Industry-Leading Materials Portfolio

Boost your efficiency while increasing your bottom line. EnvisionTEC's suite of dental materials available for the Envision One allows you to produce a variety of applications quickly and inexpensively.



Dentures:
E1-Denture 3D+
E1-Dent 400 MFH



Thermoform Models:
E1-Model Light
E1-Model Beige
E1-RigidForm Beige



Models With Removable Dies:
E1-Model Light
E1-Model Beige
E1-RigidForm Beige



Ortho Models:
E1-SepFree



Indirect Bonding Trays:
E1-IDB



Night Guards:
E1-Guard



Surgical Guides:
E1-Guide Tint



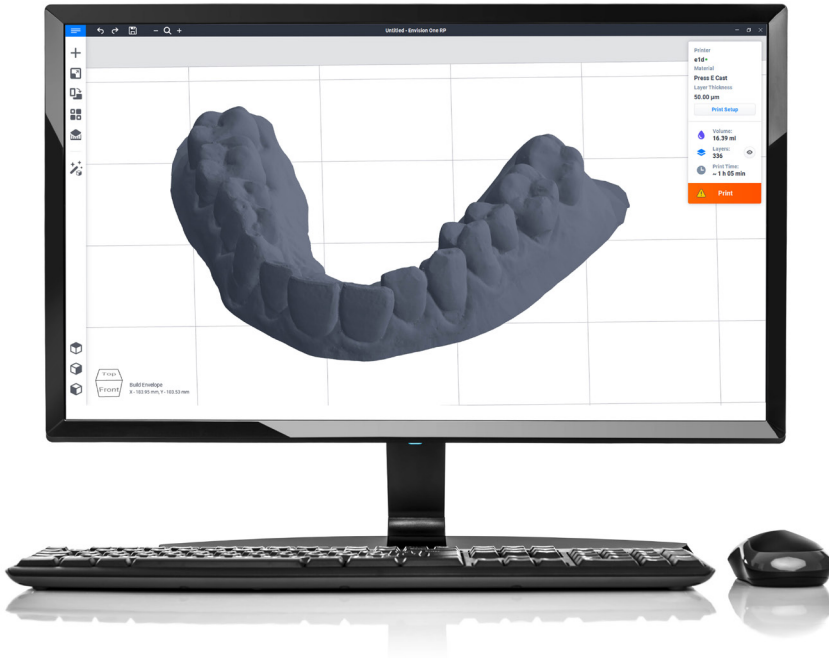
Partial Denture Frameworks:
Press-E1-Cast

EnvisionTEC's Newest Software

The Envision One Rapid Prototype (RP) software takes print files and translates them to the printer. The user interface was designed to be fast and extremely easy to use.

Supporting models on the Envision One software is also meant to be as easy as possible, allowing for automatic support generation determined by the software to give you a successful print each and every time.

The software then connects easily to the Envision One printer, making it a matter of simply pressing a few buttons to transfer the information to the printer.



cDLM Technology

What makes EnvisionTEC's cDLM systems more reliable and able to provide repeatable results over time?

- cDLM is the only continuous 3D printing system that deploys two linear slides on the Z-axis to eliminate any rocking of the platform from side to side that could translate to layering effects in the Z direction.
- The Z assembly is machined to high precision with closed feedback rather than the standard casted ball screw.
- The cDLM uses a 385nm, LED-based engine with UV glass optics instead of plastic optics. This reduces inaccuracies associated with aging (yellowing) of the plastic optics over time.
- The unique domeless basement deployed in EnvisionTEC's cDLM technology eliminates the issues associated with inaccuracies from center to edges and boasts an average lifespan of 300 builds.
- Zero separation forces allow for the building of multiple solid parts without failure.





Envision One Contents

- Envision One cDLM Dental 3D Printer
- User Manual
- Envision One RP software manual
- 50 mm scraper
- X-Acto knife with blade
- Hex wrenches
- Power supply cord
- 0.15 mm feeler gauge
- Cables
- Mixing cards
- Protective gloves, non-powdered
- Material tray kit

DESIGN | SCANNING | 3D PRINTING | MILLING | MATERIALS | POST-PROCESSING



Toronto, ON
Montreal, QC
Atlanta, GA

🌐 dental.proto3000.com
✉ info@proto3000.com
☎ 1-888-887-7686

Digital Solutions
for Dentistry

CONTACT US

