

# D4K Pro Dental

Introducing the D4K Pro, the highest resolution 4K desktop 3D printer. The D4K Pro from EnvisionTEC includes the fastest print speed for a standard DLP printer, and delivers extremely accurate parts with the finest detail available. The D4K Pro is built on an industrial 4K DLP projector which guarantees stable performance for many years. The D4K Pro is compatible with all EnvisionTEC DLP resins for the dental industry, providing essential solutions for applications from models to full dentures and everything in between.

Designed for chairside and small labs, the D4K Pro is the industry's newest solution, brought to you by the original inventors of DLP 3D printing technology. EnvisionTEC has been leading the way for dental 3D printing since 2003, with equipment and material innovations that have revolutionized the dental and orthodontic industries.



Machine Properties <sup>1</sup>	D4K Pro
Build Envelope mm (in.)	148 x 83 x 110 (5.8 x 3.3 x 4.3)
XY Native Resolution	50 µm
Patented Enhanced XY Resolution	25 µm
Z Resolution	1µm
LED	385 nm
Dynamic Layer Thickness <sup>2</sup>	15 - 150 µm
UI and Connectivity	Touch Screen / Ethernet, USB
Footprint cm (in.)	50 x 57 x 59 (19.7 x 22.4 x 23.2)
Electrical Requirements	100~240V AC, 1.5A, 50Hz/60Hz

## System Properties

- OPEN material access license option available
- Intelligent closed loop control for minimal peeling forces
- Remote monitoring and job starting capabilities
- Industrial-grade UV LED projector for reliability and consistency
- Designed to run 24/7 in a production environment
- Material changeover can be done quickly and easily in minutes
- Includes user-friendly Envision One RP software for fast and easy preparation of models, automatic support generation, and a fully integrated Mesh Healing tool.



<sup>1</sup> Specifications are subject to change without notice

## Industry-Leading Dental Portfolio

Our printers can process multiple materials on the same machine — delivering the ultimate in 3D printing flexibility. The D4K can process models, castables, restorations and appliances, all using the same build tray quickly and inexpensively.



Dentures:  
E-Denture 3D+  
E-Dent 400 MFH C&B



Thermoform Models:  
E-Model Light  
E-Model Beige  
E-RigidForm Beige  
E-Guide HS



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



Ortho Models:  
E-SepFree



Indirect Bonding Trays:  
E-IDB



Night Guards:  
E-Guard



Surgical Guides:  
E-Guide



Partial Denture  
Frameworks:  
Press-E-Cast  
E WIC402 LED



Gingival Masks  
E-Gum