

D4K Pro Jewelry

Introducing the D4K Pro, the highest resolution professional grade desktop 3D printer. In addition to having the fastest speed for a standard DLP printer, D4K Pro from EnvisionTEC delivers extremely accurate parts with the finest detail available. The D4K Pro is compatible with all EnvisionTEC DLP resins, including PIC100, WIC100G, QView, and many castable resins delivering zero porosity castings.

For all your jewelry 3D printing needs, the D4K Pro is built on the most reliable **4K UV DLP** projector and includes EnvisionTEC's patented PSA for low separation forces. Brought to you by the original inventors of DLP 3D printing technology. EnvisionTEC has been leading the way for jewelry 3D printing since 2003, with its best-selling 3D printers being utilized in hundreds of jewelry manufacturing operations globally.



Machine Properties ¹	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 ²	25 - 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 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.

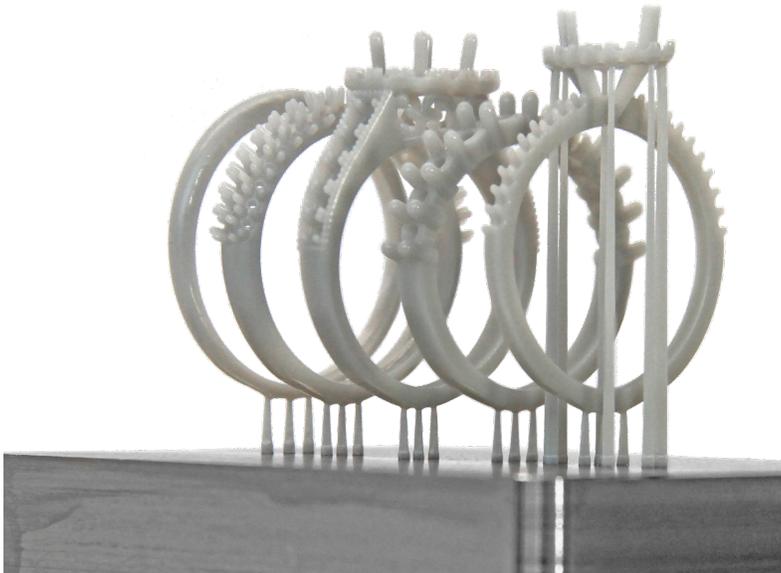
¹ Specifications are subject to change without notice

² Material Dependent



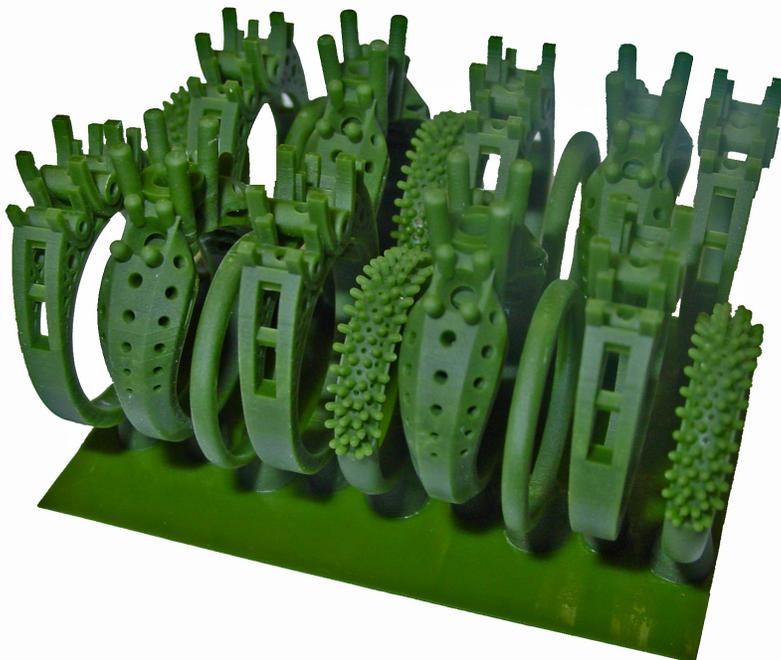
Industry-Leading Material Portfolio

Our printers can process multiple materials on the same machine — delivering the ultimate in 3D printing flexibility. The D4K Pro can process models for direct casting, quick fit and design verification, and hot and cold rubber molding masters all using the same build tray quickly and inexpensively.



Q-View

EnvisionTEC's quick building QView resin is ideal for providing fast design verification models. This exciting new material is capable of impressive print speeds for the full build envelope. This allows designers to put their custom design pieces into their customers' hands in record time for final fit and design verification. It can also be used as a pattern when built in high resolution to make a silicone mold.



WIC 100 Green

With 20% powder wax content, WIC100 Series remains a popular value material in EnvisionTEC's portfolio of castable materials. Delivers quality detail and printing speeds, along with a standard wax burnout cycle with regular gypsum investment.