

envisionTEC

P4K Advantage J

Introducing the *P4K Advantage J*, the highest resolution 3D printer in Jewelry Production.

Introducing our new P4K Advantage J 3D printer utilizing a 4K projector with UV optics tuned to 385nm wavelength. The **P4K Advantage J** delivers the highest accuracy coupled with the most optimized finished product functionality.

By utilizing Artificial Intelligence (AI) in pixel tuning and implementing our patented CLP-Technology (Closed-loop-Printing), The **P4K Advantage J** prints with **incredible surface finish** quality, and speed.

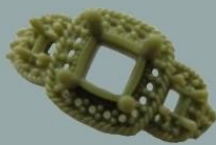
For all your **jewelry** 3D printing needs, the **P4K Advantage J** is built on the most reliable **4K UV DLP** projector and includes EnvisionTEC's patented PSA for low separation forces.

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**, **WIC100A**, **Q-View**, and many castable resins delivering zero porosity castings.



PIC 100



WIC 100 A



HTM 140



RC 90



EPIC



Q-View



System Specifications ^(*)^(**)

Build Envelope	210 x 118 x 180
mm (in.)	(8.27 x 4.65 x 7.09)
XY Native Resolution	55µm
Patented Enhanced XY Resolution	35µm
Z Resolution	1 µm
LED	385nm
Dynamic Layer Thickness	25-150µm
UI And Connectivity	Touch Screen / Ethernet, USB
Footprint	73 x 48 x 135
cm (in.)	(28.7 x 18.9 x 53.1)
Electrical Requirements	100-240V AC, 1.5A, 50Hz/60Hz

(*) Specifications are subject to change without notice

(**) Material Dependent

System Properties

- LED outperforms the original P4 UHP lightsource in cost savings and has an estimated life expectancy of 20,000 hours
- Economic material use with no vat
- Designed to run 24/7 in a production environment
- Delivered with all relevant software to enable automatic support generation and perfect model production
- Material changeover can be done quickly and easily
- CLP-Technology insures fast print speed up to 9 mm/h at 35 microns voxel depth.
- Proprietary Pixel Tuning technology delivering extremely high surface quality.

