

# Perfactory®

## P4K

Introducing the only DLP-based 3D printers utilizing a true 4K projector with UV optics tuned to 385nm wavelength. The P4K Series delivers the highest accuracy coupled with the highest finished product functionality. Utilizing Artificial Intelligence (AI) in pixel tuning to deliver extremely high quality surface finish, the P4K delivers next generation advanced DLP technology in 3D printing.



Machine Properties <sup>1</sup>	P4K 35	P4K 62	P4K 75	P4K 90
Build Envelope mm (in.)	90 x 56 x 180 (3.5 x 2.2 x 7.1)	160 x 100 x 180 (6.3 x 3.9 x 7.1)	192 x 120 x 180 (7.6 x 4.7 x 7.1)	233 x 141.5 x 180 (9.1 x 5.7 x 7.1)
Voxel Size XY	35 µm	62 µm	75 µm	90 µm
Dynamic Voxel Resolution in Z (material dependent)	25 - 150 µm			
Projector Resolution	2560 x 1600 (WQXGA)			
Data Handling	STL			
Warranty	1 year included			
Footprint cm (in.)	73 x 48 x 135 (28.7 x 18.9 x 53.1)			73 x 48 x 160 (28.7 x 18.9 x 63.0)
Weight	TBD			
Electrical Requirements	100-120V, 5.4 Amp 220-240V, 2.4 Amp			

## 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
- Minimized components make the system user serviceable
- 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



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