

Perfactory®

P4K

Introducing the only DLP-based 3D printers utilizing a true 4M pixel 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 ¹ | P4K 35 | P4K 62 | P4K 75 | P4K 90 |
|---|--|--------------------------------------|--------------------------------------|---|
| Build Envelope mm (in.) | 90 x 56 x 200 (3.5 x 2.2 x 7.9) | 160 x 100 x 200 (6.3 x 3.9 x 7.9) | 192 x 120 x 200 (7.6 x 4.7 x 7.9) | 230 x 143.75 x 200 (9.1 x 5.7 x 7.9) |
| Native Pixel Size XY | 35 µm | 62 µm | 75 µm | 90 µm |
| Pixel Size with ERM | 23 µm | 40 µm | 49 µm | 59 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 UHP lightsources 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



¹ Specifications are subject to change without notice