

Perfactory 4 Mini XL LED

EnvisionTEC's Perfactory 4 Mini XL LED series uses a custom LED light system. The new LED system is more powerful and efficient than other light projector systems on the market. As such, it offers a variety of benefits, such as lower operating costs and crisper black-white contrast between pixels, which means even better final part detail.

With this product enhancement, the Perfactory 4 Mini XL LED, offering the highest accuracy and best resolution in the vat polymerization market, now also includes the most powerful and cost-efficient light source.

Machine Properties ²	P4 Mini XL LED	
Lens System	Lens f + 2.36" (60 mm)	Lens f = 2.95" (75 mm)
Build Envelope	4.5" x 2.8" x 8.66" (115 x 72 x 220 mm)	3.3" x 2.1" x 8.66" (84 x 52.5 x 220 mm)
Projector Resolution	1920 x 1200 pixels	
Native Pixel Size	0.0023" (60 µm)	0.0017" (44 µm)
Pixel Size with ERM	0.0012" (30 µm)	0.0009" (22 µm)
Dynamix Voxel Resolution in Z	0.0006" (15 µm) to 0.006 µm (150 µm)	
Data Handling	STL	
Warranty	1 year included	

EnvisionTEC Material Group
Perfactory LED Materials

System Properties

- Economic material use with no vat
- Build speed is constant through the build
- Minimized components make the system user serviceable
- Low acquisition costs
- Delivered and installed with all relevant software to enable automatic support generation and perfect model production
- Material changeover can be done quickly and easily

Footprint (L x W x H): 29" x 19" x 53" (73 x 48 x 135 cm)
 Weight: 199 lbs (85 kg)
 Electrical Requirements: 100-120V, 5.4 Amp or 220-240V, 2.4 Amp

¹ Learn more at EnvisionTEC.com/printmypart
² Specifications are subject to change without notice



Patents Pending