

Desktop XL PLUS

The Perfactory Desktop XL PLUS is the new desktop 3D-printer with an enlarged build envelope and enhanced speed capabilities for an unbeatable price to performance ratio. The Desktop XL PLUS is the perfect choice for the small to medium sized company looking for a flexible 3D printing solution for a wide variety of applications.

Changeover between materials is easy and takes only a few minutes. With the ability to run unattended, allowing for a 24-hour production cycle. There are no limits to geometric complexity as long as the item has been designed in a 3D CAD program and may be exported as an STL file. The machines are delivered and installed with all the relevant software to enable automatic support generation and perfect model production.

Machine Properties ²	Perfactory Desktop XL
Build Envelope	3.94" x 2.95" x 3.15" (100 x 75 x 80 mm)
Projector Resolution	1400 x 1050 pixels
Native Voxel Size	0.0028" (71 µm)
Dynamic Voxel Resolution in Z (material dependent)	0.0010" (25 µm) to 0.0060" (150 µm)
Data Handling	STL
Warranty	1 year included

Materials Available	Application
EPIC, PIC100	Casting
LS600, RCP30, EC1000, R5, R5 Gray, E-Model Series	General prototypes
HTM140, RC31, RC70, RC90	High temperature applications

System Properties

- Easy handling through pre-adjusted material modules
- Build speed is constant through the build up to 0.12" (3mm) to 0.28" (7 mm) per hour at 0.0014" (35 µm) Z-voxel thickness (material dependent)
- Very few moving parts and minimal consumable components guarantees a strong and reliable system
- Changeover between materials is quick and easy

Footprint (L x W x H): 21.7" x 17.7" x 35.0" (55 x 45 x 89 cm)
 Weight: 77.16 lbs (35kg)
 Electrical Requirements: 100-120V, 2 Amp or 220-240V, 1 Amp

¹ Learn more at EnvisionTEC.com/printmypart

² Specifications are subject to change without notice



Patents Pending