



Desktop XL

The Perfactory® Desktop XL is the new desktop 3D-printer with an enlarged build envelope for an unbeatable price to performance ratio. The Perfactory® Desktop XL 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 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. Resolution and surface finish remains constant over the entire build area due to patented technology based on voxelisation.

Machine Properties *	Perfactory® Desktop XL 3D Printer
Build Envelope	3.94" x 2.95" x 3.94" (100 x 75 x 100 mm)
Projector Resolution	1400 x 1050 pixels
Native Pixel Size	.0028" (71 µm)
Virtual Pixel Size	.0014" (36 µm)
Dynamic Voxel Resolution in Z (material dependent)**	.0009" (25 µm) to .0059" (150 µm)
Data Handling	STL
Warranty	1 Year Included

* Specifications are subject to change without notice. ** A voxel is a volumetric pixel.

Materials available	Ideal Usage
EPIC, PIC100, EC500	Casting
E-Shell® 600	Clear
AB- <i>flex</i> , ABS Flex, Superflex	Flexible
ABS- tuff , LS600, RCP30, EC1000, E-Shell® 200, E-Shell® 300, Photosilver, R5, R5 Gray, R11, WIC100G, WIC300, E-Denstone	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" (7mm) per hour at 0.0014" (35 µm) Z-voxel thickness (material dependent)
- » Very few moving parts and minimal consumable components guarantee a strong and reliable system
- » Utilizing a built in ethernet interface, can connect directly to a PC workstation or be integrated into a network
- » Changeover between materials is done quickly and easily

Footprint (L x W x H): 55 x 45 x 89 cm

Weight: 35 kg

Electrical Requirements: 100-120V, 2Amp, 220-240V, 1Amp

Patents Pending



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