



Micro

The Perfactory® Micro is the smallest professional-grade desktop 3D printer in size with the highest resolution. It is a low cost, easy maintenance and user friendly personal desktop 3D manufacturing system, designed for producing high quality models. Using state-of-the-art Direct Light Projection technology from Texas Instruments® coupled with LED performance, the Perfactory® Micro System allows access to a top quality professional grade prototyping system that can produce highly detailed physical 3D duplications of projects that have been created in a CAD environment or downloaded from design files on the internet. Utilizing a built-in USB connection, the Perfactory® Micro can connect directly to your PC workstation and works just like a personal desktop printer.

Machine Properties *	Perfactory® Micro 3D Printer
Build Envelope	1.58" x 1.18" x 3.94" (40 x 30 x 100 mm)
Resolution in X and Y	0.0012" (31 µm)
Dynamic Voxel Resolution in Z (material dependent)**	0.0010" to 0.0014" (25 µm to 35 µm)
Light Source	LED
Data Handling	STL
Warranty	2 year in factory parts and labor

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

Materials Available	Ideal for
PIC 100	Direct casting
EC500	Direct Casting
HTM140	HTV Molding with minimal post finishing
D3 White M	High impact general purpose material

System Properties

- » Easy handling through pre-adjusted material modules
- » Very few moving parts and minimal consumable components guarantee a strong and reliable system
- » Any STL data format can be easily imported using the Perfactory® Micro Software Suite.

Footprint (L x W x H): 9" x 8" x 24" (23 x 18 x 58 cm)

Weight: 28.66 lbs (13 kg)

Electrical Requirements: 100-120V, 3 Amps

220-240V, 2 Amps

Patents Pending



EnvisionTEC GmbH

Brüsseler Straße 51 • D-45968
Gladbeck • Germany
Phone +49 2043 9875-0
Fax +49 2043 9875-99

EnvisionTEC, Inc.

15162 S. Commerce Dr
Dearborn, MI 48120 • USA
Phone +1-313-436-4300
Fax +1-313-436-4303

www.envisiontec.com

info@envisiontec.com