

# Perfactory®

## Micro EDU

The Perfactory® Micro EDU is the smallest 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, for use by educators, consumers, and design professionals. Using state-of-the-art Direct Light Projection technology from Texas Instruments® coupled with LED performance, the Perfactory® Micro EDU 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 EDU can connect directly to your PC workstation and works just like a personal desktop printer.

Machine Properties *	Perfactory® Micro EDU 3D Printer
Build Envelope	4" x 3" x 4" (100 x 75 x 100 mm)
XY Resolution	0.006" (150 µm)
Dynamic Z Resolution**	0.002" to 0.004" (50 µm to 100 µm)
Build Speed	Up to 0.79" (20 mm)/hour for full envelope**
Light Source	LED
Data Handling	STL
Warranty	1 year back to factory including parts and labor

\* Specifications are subject to change without notice. \*\*Material Dependent.

Materials Available	Ideal for
LS600 M	Highly durable general purpose models with fine features
HTM140 M	High temperature molding
D3 M White	High impact general purpose material
E-Denstone M Ivory	High temperature for tooling inserts

## System Properties

- » Office friendly desktop 3D printer.
- » Plug and play 3D printer with easy to use software interface.
- » Very few moving parts guarantees a strong and reliable production system.
- » Fully automated self-calibrating system.
- » Ideal for producing high quality, small engineering components and educational models.
- » Starter kit includes software CD and 1/2 KG of material.

Footprint (L x W x H): 11" x 10" x 24" (28 x 25 x 61 cm)  
 Weight: 24 lbs (11 kg)  
 Electrical Requirements: 100-120V, 3 Amps/220-240V, 2 Amps  
 Patents Pending



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