



Perfactory®

Perfactory® 3 DDP with ERM

EnvisionTEC's Perfactory DDP 3D Printer with ERM is a low cost, easy maintenance and user friendly 3D Rapid Prototype Manufacturing System. Using state of the art Digital Light Processing® (DLP) technology from Texas Instruments®, the Perfactory System produces the finest detail in the shortest period of time to create 3D models that range from the conceptual to the fully functional.

Machine Properties *	Perfactory® 3 DDP with ERM
Lens System	Lens f = 2.36" (60 mm)
Build Envelope	3.31" x 2.48" x 9.06" (84 x 63 x 230 mm)
Build Envelope Increased Productivity	3.59" x 2.66" x 9.06" (90 x 67.5 x 230 mm)
Native Voxel Size	0.0024" (60 µm)
ERM Voxel Size	0.0012" (30 µm)
ERM Voxel Size Increased Productivity	0.0013" (32 µm)
Dynamic Voxel Thickness Z	0.0006" (15 µm) to 0.006" (150 µm) Pre-adjusted by each material module

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

Materials Available	Ideal for
Clear Guide	Surgical Drill Guides
E-Denstone	Dental Models
E-Dent	Temporaries
E-Partial	Partials
Press-E-Cast*	Waxups

* Requires the purchase of an additional 75 mm lens for crown and bridge capabilities.

System Properties

- » Build speed in constant through the build up to 1" (25 mm) at 0.0039" (100 µm) voxel thickness
- » Economic material use with no vat
- » Very few moving parts and minimal consumable components make the system user serviceable
- » Quick and easy material changeover

Footprint (L x W x H): 29" x 19" x 53" (73 x 48 x 135 cm)
 Weight: 188 lbs (85 kg)
 Electrical Requirements: 100-120V, 5.4 Amps
 220-240V, 2.4 Amps

Patents Pending



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