



Perfactory® 4 Digital Dental Printer Series

EnvisionTEC's Perfactory® 4 Digital Dental Printer (DDP4) Series includes low cost, easy to maintain and user friendly 3D Rapid Manufacturing Systems for the digital dental laboratory. Using state of the art Direct Light Projection (DLP®) from Texas Instruments®, the DDP4 Systems produce the finest detail in the shortest amount of time.

Machine Properties *	DDP4	DDP4 M	DDP4 XL
Build Envelope	4.5" x 2.8" x 9.06" (115 x 72 x 230 mm)	6.3" x 3.9" x 9.06" (160 x 100 x 230 mm)	7.6" x 4.7" x 9.06" (192 x 120 x 230 mm)
Native Voxel Size XY	0.0024" (60 µm)	0.0033" (83 µm)	0.0040" (100 µm)
ERM Voxel Size XY	0.0012" (30 µm)	0.0017" (42 µm)	0.0020" (50 µm)
Dynamic Voxel Resolution in Z (User Adjustable and Material Dependent)**	0.0010" to 0.0060" (25 - 150 µm)		
Projector Resolution	1920 x 1200 Pixels		
Data Handling	STL		
Warranty	1 Year Included		
Lens System	Fixed Focal UV Lens		

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

DLPMaterials Available	Ideal for
Clear Guide	Surgical Drill Guides
E-Denstone, E-Shell® 200	Dental Models
E-Dent (Not Available XL or M)	Temporaries
E-Partial	Partials
Press-E-Cast (Not Available XL or M)	Waxups

System Properties

- » Compatible with 3Shape, Dental Wings and 3M Lava scanners and design software.
- » Any STL file from an impression scanner or an Intra Oral Scanner can be printed.
- » Capable of printing models, quads, partials, copings, crowns and long term temporaries.
- » Built-in ethernet interface allows DDP4 systems to connect directly to a PC workstation or be integrated into a network.
- » Changeover between materials is quick and easy.

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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