



Perfactory® Vida

The Perfactory Vida is a low cost, open architecture, easy to maintain and user friendly 3D printer for the digital dental laboratory. The Vida boasts a high resolution projector running at 1920 x 1080 pixel resolution with custom UV optics. Once the print job is preprocessed on a computer housing the Perfactory software suite, it is transferred to the machine via Ethernet or USB and can run independently without the need for continuous connection to the preprocessing computer. The surface quality of the printed models allows for production with no signs of stairstepping, unlike the visibility when using competing technologies. The versatility of the Perfactory Vida allows for an impressive range of materials to be processed, giving dental labs and practices the ability to 3D print multiple types of orthodontic models, bite splints and retainers, surgical guides, and partial dentures.

Machine Properties *	Perfactory® Vida 3D Printer
Build Envelope	5.5" x 3.1" x 3.95" (140 x 79 x 100 mm)
XY Resolution	0.0029" (73 µm)
Dynamic Z Resolution**	0.001" to 0.006" (25 µm to 150 µm)
Light Source	Industrial UV 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
E-Appliance M	Orthodontic models for salt and pepper techniques
E-Denstone Peach M	Models for bracket placement through indirect bonding techniques
Clear Guide M	Surgical drill guides
E-Partial M	Partial denture framework
Ortho Tough M	Rigid stable models for vacuum suckdown aligners
E-Denture	Denture Bases

System Properties

- » Compatible with 3Shape, Orchestrate 3D, Dental Wings and Exocad design software.
- » Any STL file of a model designed from an impression or an Intra Oral Scanner can be printed
- » Capable of printing orthodontic models, partials, surgical guides, and bite guards.
- » Changeover between materials is quick and easy with no waste.
- » Plug and play with an easy to use software interface.
- » Very few moving parts guarantees a strong and reliable production system.

Footprint (L x W x H): 15.55" x 13.75" x 31" (39.5 x 35.0 x 78.7 cm)
 Weight: 75 lbs (34 kg)
 Electrical Requirements: 110 VAC @ 3A
 Patents Pending



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EnvisionTEC's premium dental materials for Perfactory® Vida 3D Printer

E-Appliance M

E-Appliance M is specially designed nano-filled 3D printing material that works reliably with both polyvinyl alcohol based separators and tin foil substitute for a "salt and pepper" technique of producing an orthodontic appliance.



Clear Guide M

Clear Guide M is a material optimized for the 3D printing of highly accurate and transparent drill guides delivering maximum visibility during drilling for implant treatment.



E-Denstone Peach M

E-Denstone Peach M is a fast building, highly accurate material that produces superior results when printing models for bracket placement through indirect bonding techniques.



Ortho Tough M

Ortho Tough M material is a high temperature, extremely tough resin for the printing of dental models used in the manufacture of clear orthodontic aligners by vacuum thermoforming.



E-Partial M

E-Partial M material was developed for creating wax-like partial dentures for direct investment casting in semi precious metals. E-Partial material maintains flexural strength to ensure clasp flex without breakage.



E-Denture

E-Denture is a light-cured resin indicated for fabrication and repair of full and partial removable dentures and baseplates. Coming Soon...

