

3SP[®]

Let us
print your
part!¹

Vector Hi-Res 3SP

The Vector Hi-Res 3SP 3D printer allows for the production of large high resolution 3D parts at fast build speeds without sacrificing the surface quality and part accuracy that EnvisionTEC is known for. The Vector Hi-Res 3SP uses EnvisionTEC's patented 3SP (Scan, Spin, and Selectively Photocure) technology to quickly 3D print highly accurate parts from STL files regardless of geometric complexity.

The Vector Hi-Res 3SP is delivered and installed with all the relevant software to enable automatic generation of supports and perfect model production. The surface quality of the printed models show no signs of stairstepping on the inner and outer surfaces. The Vector Hi-Res 3SP includes a build envelope that is larger than the ULTRA 3SP with increased speed capabilities, making it an attractive solution for a wide range of manufacturing and dental applications.

Machine Properties ²	Vector 3SP
Build Envelope	11.8" x 6.9" x 10.8" (300 x 175 x 275 mm)
Resolution in X and Y	0.002" (60 µm)
Dynamic Resolution in Z (Material dependent)	0.002" - 0.004" (50-100 µm)
Data Handling	STL
Warranty	1 Year Included

Recommended Materials	Ideal for
E-Model 3SP Series	Prototypes and functional end use products, dental models
E-Clear 3SP	Durable crystal clear parts
ABS Hi-Impact 3SP	Tough, strong models
ABS Tough 3SP	Rigid models similar to those made with ABS plastic

System Properties

- A single material is used for build and easily removable, partially cured and perforated supports
- Very few moving parts make the system user-serviceable
- Low part cost due to minimal material waste
- Can connect directly to a PC workstation or be integrated into a network for the pre-processing of job files and for remote monitoring
- Includes a stand-alone PC with a touchscreen monitor



Patents Pending

Footprint (L x W x H): 29" x 30" x 46" (74 x 76 x 117 cm)
 Weight: 198 lbs (90 kg)
 Electrical Requirements: 110 VAC @ 3A

¹ Learn more at EnvisionTEC.com/printmypart