

3SP[®]

Let us
print your
part!¹

Vector 3SP Ortho

The Vector 3SP Ortho 3D printer allows for the production of large quantities of orthodontic models at fast build speeds without sacrificing the surface quality and part accuracy that EnvisionTEC is known for. The Vector 3SP Ortho 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 3SP Ortho 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 3SP Ortho includes a generous build envelope and speed capabilities that make it an attractive solution for orthodontic model production in either a lab or a practice setting.



Patents Pending

Machine Properties ²	Vector 3SP Ortho
Build Envelope	11.8" x 7.9" x 3.94" (300 x 200 x 100 mm)
Resolution in X and Y	0.004" (100 µm)
Dynamic Resolution in Z (Material dependent)	0.002" - 0.004" (50-100 µm)
Data Handling	STL
Warranty	1 Year Included

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

Footprint (L x W x H): 36 x 36 x 60 in. (91 x 91 x 152 cm)

Weight: 423 lbs (192 kg)

Electrical Requirements: 220 Volt, Single Phase, 5 Amps/110 Volt, Single Phase, 10 Amps

¹ Learn more at EnvisionTEC.com/printmypart

² Specifications are subject to change without notice