

Xtreme 3SP™ Ortho



EnvisionTEC's Xtreme® 3SP™ Ortho large format 3D printers allow for production of orthodontic models, built at fast build speeds without sacrificing surface quality and part accuracy. The Xtreme® 3SP™ Ortho uses EnvisionTEC's 3SP™ (Scan, Spin, and Selectively Photocure) technology to quickly 3D print highly accurate orthodontic models in large batch quantities. The Xtreme® 3SP™ Ortho is delivered and installed with all the relevant software to enable perfect model production from a wide range of orthodontic design software. The surface quality of the printed models show no signs of stairstepping on the inner and outer surfaces. The reliability of the light source and the high speed productivity of the Xtreme® 3SP™ Ortho makes it one of the most competitive 3D printers on the market today.

Machine Properties *	Xtreme® 3SP™ Ortho
Build Envelope	10" x 14.25" x 4" (254 x 362 x 102 mm)
Resolution in X and Y	0.004" (100 µm)
Dynamic Voxel Resolution in Z (User Adjustable and Material Dependent)**	0.002" - 0.004" (50 - 100 µm)
Data Handling	STL
Warranty	1 Year Included

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

Materials Available	Ideal for
E-Denstone 3SP™	High quality orthodontic models
E-Appliance 3SP™	Models for orthodontic appliances
E-Denstone Tough 3SP™	High quality orthodontic models
Ortho Tough 3SP™	High quality orthodontic models

System Properties

- » A single material is used for both build and easily removable, partially cured perforated supports
- » Very few moving parts make the system user-serviceable
- » Low part cost due to minimal material waste
- » Produce everything from concept models to functional parts
- » Can connect directly to a PC workstation or be integrated into a network for pre-processing of the job files and for remote monitoring
- » The system has a stand-alone PC, which allows it to work independently from the pre-processing workstation

Footprint (L x W x H): 65" x 65" x 65"
(165 x 165 x 165 cm)
Weight: 890 lbs (404 kg)
Electrical Requirements:
220 Volt, Single Phase, 15 Amps



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