

Xtreme 3SP™



EnvisionTEC's Xtreme® 3SP™ large format 3D printers allow for production of exceptionally large 3D parts, built at fast build speeds without sacrificing surface quality and part accuracy. The Xtreme® 3SP™ uses EnvisionTEC's 3SP™ (Scan, Spin, and Selectively Photocure) technology to quickly 3D print highly accurate parts from STL files regardless of geometric complexity. The Xtreme® 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 reliability of the light source and the high speed productivity of the Xtreme® 3SP™ makes it one of the most competitive 3D printers on the market today.

Machine Properties *	Xtreme® 3SP™
Build Envelope	10" x 14.25" x 13" (254 x 362 x 330 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

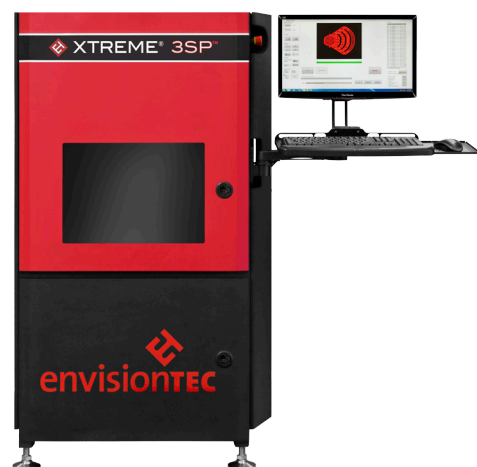
* Specifications are subject to change without notice. ** A voxel is a volumetric pixel.

Materials Available	Ideal for
ABS 3SP™ Flex (Black, Gray, White)	Models similar to ABS plastic with flexibility characteristics
ABS 3SP™ White	Models similar to ABS plastic
ABS 3SP™ Tough	Rigid, stable models similar to those made with ABS plastic
ABS 3SP™ Superflex	Models similar to ABS plastic with flexibility characteristics
E-Denstone 3SP™	General purpose, high temperature molding, concept models
E-Glass 3SP™	Strong, clear material with flexible capabilities

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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