

Xtreme 8K DLP Ortho **envisionTEC**

EnvisionTEC's Xtreme 8K DLP Ortho is the largest size production-grade DLP 3D-printer in the world. Created by one of the most experienced teams of engineers in 3D printing, this large format 3D printer allows for the production of orthodontic models built at fast speeds without sacrificing surface quality and part accuracy.

The Xtreme 8K DLP Ortho uses dual 4K projector DLP technology to quickly 3D print highly accurate orthodontic models from STL files. Using EnvisionTEC's proprietary model materials, you will be able to produce high-quality models for use in an orthodontic setting.

The Xtreme 8K DLP Ortho 3D printer is delivered and installed with EnvisionTEC's Envision One RP software for user-friendly automatic generation of supports and perfect model production. The incredible surface finish and precise productivity of this large-format 3D printer makes it one of the most competitive 3D printers on the market today.



Patents Pending

Machine Properties ¹	Xtreme 8K DLP Ortho
Build Envelope	450 x 371 x 101.6 mm (17.72 x 14.61 x 4 in.)
Voxel Size XY	100 µm
Dynamic Voxel Resolution in Z (material dependent)	100 - 150 µm
Print Speed at 100 µm layer thickness	1.5 inches/hour
Print Speed at 150 µm layer thickness	1.15 inches/hour
Warranty	1 year included
Footprint	1420 x 1052 x 2350 mm (55.9 x 41.42 x 92.52 in.)
Weight	499 kg (1100 lbs.)
Electrical Requirements	220 VAC, Three Phase, 20A

System Properties

- Connect directly to a PC workstation or be integrated into a network for pre-processing of job files and remote monitoring
- The stand-alone PC allows for working independently from pre-processing workstation
- Highest resolution DLP printer with industrial UV engine



¹ Specifications are subject to change without notice

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Five Reasons to Buy the Xtreme 8K DLP Ortho

Largest DLP 3D Printer
in the World



Highest Resolution DLP
3D Printer in the World



LED-Based light source
only needs to be
replaced every two
years



Lightning-fast build
speed is faster than any
other DLP 3D Printer



Runs all DLP 3D
printing materials from
EnvisionTEC, as well
as validated materials
Henkel, DSM Somos,
Adaptive 3D and more

