

ULTRA

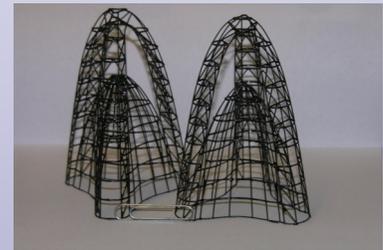
The Benchmark in 3-Dimensional Desktop Printing



The ULTRA is a high productivity, high resolution rapid manufacturing system. It is ideal for any company requiring high precision and speed. There are no limitations to producing any part regardless of geometric complexity when provided as an STL file. The machines are delivered and installed with all relevant software to enable the automatic generation of supports and perfect model production. Resolution and surface finish remains constant over the entire build area due to patented technology based on voxelisation.

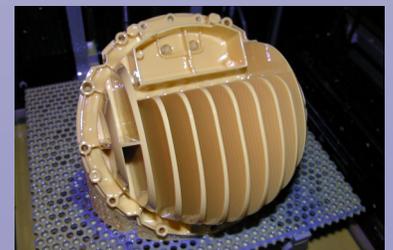
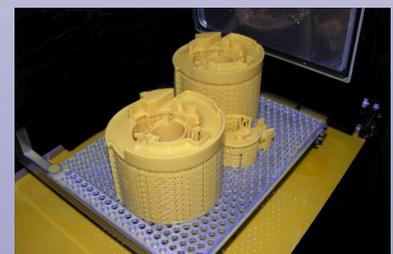
Machine Properties *	ULTRA
Build Envelope XYZ	10.4" x 6.5" x 8" (267 x 165 x 203 mm)
Voxel** Resolution in X & Y	.0055" (139 µm)
Dynamic Voxel Resolution in Z	0.0010" - 0.0059" (25 - 150 µm), user adjustable

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



System Properties

- A single material is used for both build and support
- Partially cured perforated supports are easily removable with no scarring
- Very few moving parts make system user serviceable
- Office friendly plug-and-play operation with a built-in touch screen
- Extremely reliable system utilizing proven DLP technology
- A choice of high quality materials are readily available such as ABS-like, polypropylene-like and wax-like plastics
- Produce everything from concept models to functional parts
- Layerless technology with no stair stepping on inner and outer surfaces
- Low part cost due to minimal material waste



Electrical Requirements:
 100-127 VAC, 50/60 Hz, single phase, 8A
 200-240 VAC, 50 Hz, single phase, 4A
 Footprint 29" x 30" x 46" (74 x 76 x 117 cm)
 Weight 198 lbs (90kg)
 Patents Pending



envisionTEC GmbH

envisionTEC, Inc.

www.envisiontec.com

Brüsseler Straße 51 | 45968 Gladbeck | Germany
 Phone: +49 2043 98 75-0 | Fax: +49 2043 98 75-99

1100 Hilton Road | Ferndale, MI | 48220
 Phone: +1 248-582-0038 | Fax +1 248-582-0039

info@envisiontec.com