



PixCera

The Pixera 3D Printer is designed to support Rapid Direct Manufacturing with a low cost and high resolution solution. The PixCera is a great machine for the small lab and can print up to 20 copings, crowns and up to 7 unit bridges in wax-based Press-E-Cast in under 2 hours. The wax parts are designed for speed investment casting, allowing for a fast one hour burn-out cycle. With a small footprint, the PixCera is economically designed to fit into a small area. It is office friendly and has a low power consumption. The PixCera can operate unattended with maximum reliability.

Machine Properties *	Perfactory® PixCera 3D Printer
Build Envelope	2.36" x 1.71" x 3.94" (60 x 45 x 100 mm)
Projector Resolution	1400 x 1050 Pixels
Native Pixel Size	0.0017" (43 µm)
Dynamic Voxel Resolution in Z (material dependent)**	0.0010" - 0.0014" (25 µm - 35 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-Dent, E-Denstone	Temporaries
E-Partial	Partials
Press-E-Cast	Waxups
E-Shell® 200 Series	Opaque for general or medical use

System Properties

- » Easy handling through pre-adjusted material modules
- » Very few moving parts and minimal consumable components guarantee a strong and reliable system that is user serviceable.
- » Post-processing is clean and simple due to near 100% photo cure during the build proces.
- » A choice of high quality materials are readily available.
- » On-site RM adapted for local production demands
- » Full cured models are chemically safe.
- » Utilizes a built-in ethernet interface which connects the PixCera directly to a PC workstation or allows for integration into a network.
- » Material changeover can be done quickly and easily

Footprint (L x W x H): 17.72" x 30.71" x 17.72" (45 x 78 x 45 cm)
 Weight: 77.16 lbs (35 kg)
 Electrical Requirements: 100-120V, 2Amp
 220-240V, 1Amp
 Patents Pending



EnvisionTEC GmbH

Brüsseler Straße 51 • D-45968
 Gladbeck • Germany
 Phone +49 2043 9875-0
 Fax +49 2043 9875-99

EnvisionTEC, Inc.

15162 S. Commerce Dr
 Dearborn, MI 48120 • USA
 Phone +1-313-436-4300
 Fax +1-313-436-4303

www.envisiontec.com

info@envisiontec.com