EnvisionTEC’s Perfactory 4 Mini XL with ERM is a low cost, easy maintenance and user friendly 3D rapid prototype manufacturing system. Using state-of-the-art Direct Light Projection technology from Texas Instruments®, the Perfactory 4 Mini XL produces the finest detail in the shortest period of time. It creates 3D models that range from the conceptual to the fully functional.

### Machine Properties *

<table>
<thead>
<tr>
<th>Lens System</th>
<th>Lens f = 2.36” (60 mm)</th>
<th>Lens f = 2.95” (75 mm)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Build Envelope (Factory Adjustable at Time of Order)</td>
<td>4.5” x 2.8” x 8.66” (115 x 72 x 220 mm)</td>
<td>3.3” x 2.1” x 8.66” (84 x 52.5 x 220 mm)</td>
</tr>
<tr>
<td>Projector Resolution</td>
<td>1920 x 1200 Pixels</td>
<td></td>
</tr>
<tr>
<td>Native Pixel Size</td>
<td>0.0023” (60 µm)</td>
<td>0.0017” (44 µm)</td>
</tr>
<tr>
<td>Pixel Size With ERM</td>
<td>0.0012” (30 µm)</td>
<td>0.0009” (22 µm)</td>
</tr>
<tr>
<td>Dynamic Voxel Resolution in Z (User Adjustable and Material Dependent)**</td>
<td>0.0006” (15 µm) to 0.006 (150 µm)</td>
<td></td>
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<tr>
<td>Data Handling</td>
<td>STL</td>
<td></td>
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<tr>
<td>Warranty</td>
<td>1 Year Included</td>
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</tbody>
</table>

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

### Materials Available

- **ABStuff, ABflex**: General purpose similar to ABS plastic
- **ABS Flex (Requires factory fitted UV Option to use these materials)**: General purpose similar to ABS plastic with flexible characteristics
- **EC500, EC3000**: Casting
- **HTM Series**: High temperature molding, architectural models, plating
- **LS600, EC1000, WIC100G, WIC3000**: General purpose
- **Photosilver**: High temperature applications with fine detail
- **PIC 100, EPIC**: Casting
- **R5, R5 Gray, R11**: General purpose, master models
- **RCP30, RC31, RC70, RC90**: High temperature applications

### System Properties

- » Build speed in constant through the build up to 1” (25 mm) at 0.0039” (100 µm) voxel thickness
- » Economic material use with no vat
- » Very few moving parts and minimal consumable components make the system user serviceable
- » Changeover between materials is quick and easy

Footprint (L x W x H): 29” x 19” x 53” (73 x 48 x 135 cm)
Weight: 188 lbs (85 kg)
Electrical Requirements: 100-120V, 5.4 Amps, 220-240V, 2.4 Amps
Patents Pending