

## Perfactory 3 Digital Shell Printer (DSP)

EnvisionTEC's Perfactory 3 Digital Shell Printer (DSP) can be used for large scale production due to its large build are and high precision. It is fitted with the Enhanced Resolution Module (ERM), making it one of the highest resolution systems in the industry. This accuracy does not come at the sacrifice of speed. The DSP can build up to 40 shells in 2-3 hours (1-2 hours with high-speed module). The resolution is transferred into the highest quality surface finishes achievable by any rapid manufacturing process. This is just one of the reasons this machine is a firm customer favorite with leading hearing aid manufacturers.

Machine Properties <sup>2</sup>	P3 DSP with ERM
Build Envelope	5.5" x 4.1" x 9.06" (140 X 105 X 230 mm)
Native Voxel Size	0.0040 (100 µm)
ERM Voxel Size	0.0020 (50 µm)
Dynamic Voxel Resolution in Z	0.0020" (50 µm) to 0.0060" (150 µm)
Data Handling	STL
Warranty	1 year included

Recommended Materials	Recommended Applications	Colors Available
E-Shell 200 Series	Opaque ear shells	Pink, Tan, Mocca, Beige, Cocoa, Brown
E-Shell 300 Series	Transparent ear molds	Clear, Rose, Light Brown, Brown
E-Shell 300 Series	Opaque shells	Red, Blue, Black, White
E-Shell 500 Series	Soft ear shells and tips	Clear, Pink
E-Shell 600 Series	Transparent ear molds	Clear
E-Shell 3000 Series	Opaque ear shells	Red, Blue
E-Silicone	Cocoon molds	Orange

## System Properties

- Easy handling through pre-adjusted material modules
- Economic material use with no vat
- Very few moving parts and minimal consumable components guarantee a strong and reliable system.
- Quick and easy material changeover

Footprint (L x W x H): 29" x 19" x 53" (73 x 48 x 135 cm)  
 Weight: 199 lbs (85 kg)  
 Electrical Requirements: 100-120V, 5.4 Amp or 220-240V, 2.4 Amp

<sup>1</sup> Learn more at [EnvisionTEC.com/printmypart](http://EnvisionTEC.com/printmypart)  
<sup>2</sup> Specifications are subject to change without notice

