

## 3D Printing Services

### EnvisionTEC – UV Photo Cured Resins

- **Ultra 3SP**

- Build Size (in.) 6.9 x 10.5 x 7.6 (h)
- Layer Thickness (microns) 50
- X,Y Resolution (microns) 100
- Material: ABS Tough – white



- **Micro Plus XL**

- Build Size (in.) 4.7 x 3.0 x 3.3 (h)
- Layer Thickness (microns) 50
- X,Y Resolution (microns) 82, 105
- Materials
  - ABS Tough – white, black
  - ABS Hi-Impact - black, gray
  - ABS TRU
  - HTM140 – High Temperature Molds (140° C Heat Deflection Point)



### Markforged Enterprise – FFF (Fused Filament Fabrication)

- **X7**

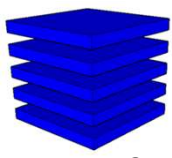
- Build Size (in.) 13.0 x 9.8 x 7.9 (h)
- Layer Thickness (microns) 50
- Materials – Provide Low Weight High Strength Parts
  - Plastic: - Nylon
    - Onyx (Nylon with chopped Carbon Fiber)
  - Fiber: - Carbon Fiber
    - Kevlar
    - Fiberglass
    - High Strength, High Temp Fiberglass



- **Mark Two**

- Build Size (in.) 12.6 x 5.2 x 6.0 (h)
- Layer Thickness (microns) 100
- Materials – Provide Low Weight High Strength Parts
  - Plastic: - Nylon
    - Onyx (Nylon with chopped Carbon Fiber)
  - Fiber: - Carbon Fiber
    - Kevlar
    - Fiberglass
    - High Strength, High Temp Fiberglass





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### Formlabs Form 2 – SLA (Stereo Lithography)

- Build Size (in.) 5.7 x 5.7 x 6.9 (h)
- Layer Thickness (microns) 25 – 100 microns
- Material: Tough, Durable, High Temp, Castable, Flexible, and more



### MakerBot Replicator+ – FDM (Fusion Deposition Modeling)

- Build Size (in.) 11.6 x 7.6 x 6.5 (h)
- Layer Thickness (microns) 100
- Material: PLA, Tough PLA



### Fusion3 F400-S – FDM (Fusion Deposition Modeling)

- Build Size (in.) 14 x 14 x 12.6 (h)
- Layer Thickness (microns) 20 - 300
- Material: ABS, PLA, Nylon, TPU, Polycarbonate, HIPS, many more

