



Testing Department

Form2

Stereolithography (SLA)

3D Printer



Virtual Prototyping Services

<https://SimAltum.com>

807-700-5504



3D Printer for small volume prints. Stereolithography (SLA) for very fine surface detail and smooth surfaces. Good for oddly shaped parts with awkward overhangs or no flat sides.

CAPACITY

- Build Volume: 145 x 145 x 175 mm
- Laser Spot size (i.e. smallest feature theoretically possible): 140 micron
- Layer resolution: 25 micron to 100 micron
- Many proprietary resins to choose from to meet various design requirements

SPECIAL FEATURES

- Excellent surface finish on printed parts
- Can capture detail that FDM printers cannot
- Can print with a clear resin that can be post processed to allow plenty of light to pass through (very useful for shadowgraphy experiments)
- Can easily print experimental parts that would be prohibitively difficult or impossible to machine using traditional methods
- Refractive index of clear resin can be matched for optimal transparency



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