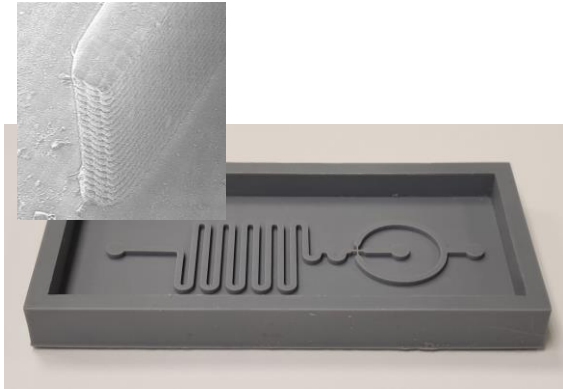


Manufacturer
Microalay

Model
Versus 385nm



3D Printer Microalay



Fabrication of 3D sub-millimeter structures

The DLP 3D printer uses a HD direct light projector to create sub-millimetric 3D structures. The DLP projector allows to flash a single image at each resin layer, which increases fabrication speed.

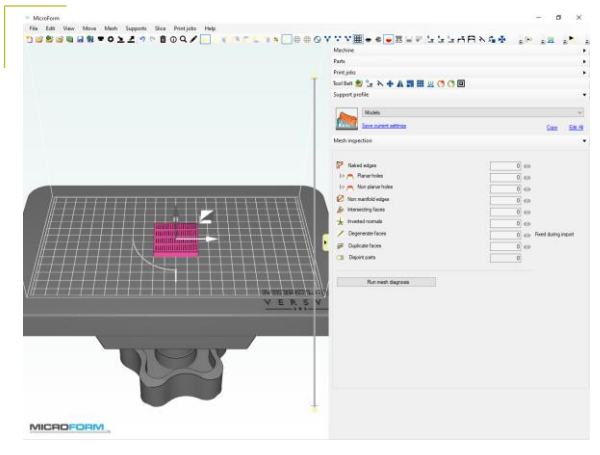
Technical specifications

- 385nm wavelength DLP Full HD projector with 1080p resolution
- 36W UV source for post-curing process (370 nm)
- 125 mm x 70 mm x 185 mm maximum printing volume
- Acrylic resin tank with non-stick replacement Teflon film
- XY resolution: 65 μm
- Layer thickness (Z resolution): from 10 μm to 100 μm

Resins:

- SolusArt Grey V3.0:
 - Grey opaque resin
 - Supports 10 μm slices
 - Fast dry to cut down on post curing times
 - Great mechanical performance
 - Low shrinkage for excellent dimensional accuracy and stability
 - Withstands high temperatures for mold making

3D Printer Microlay



Available software:

MicroForm

- User friendly interface
- Automatic detection of errors and correction
- Support Detection (accurately detects islands that require supports in a print)
- Resin Profiling (solus Art Grey V3.0)
- Projector Shutdown (shuts down the projector after a print is completed)