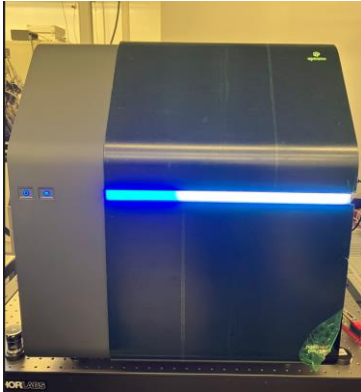


NanoOne 1000 US 2PP 3D printer

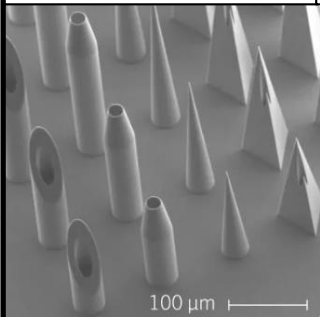
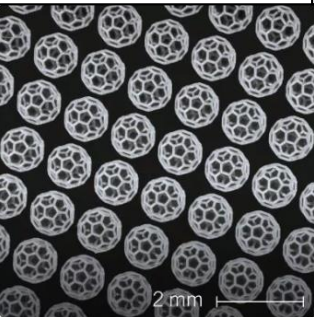
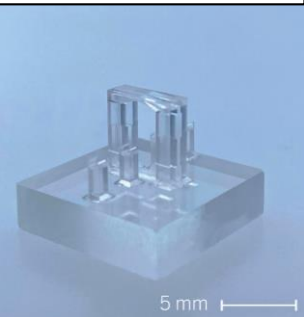
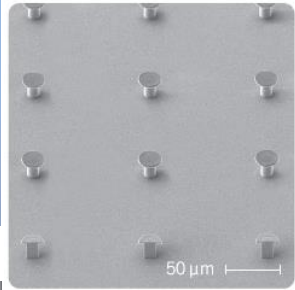


The **NanoOne 1000 US** is a cutting-edge 3D printer utilizing advanced 2-Photon Polymerization (2PP) technology. It offers exceptional precision, allowing for the creation of structures ranging from micrometer to centimeter scales. The printer is compatible with a diverse range of materials, including high and low transparency resins, fast prototyping materials, low autofluorescence options, quartz, and bio-compatible resins.

Features

- Femtosecond laser: 90 fs, 780 nm, 1000 mW
- Auto substrate tilt compensation
- Fast printing: adaptive mode and high-power laser
- Max sample height of 40 mm on a 4" substrate

2PP printing gallery

Microneedles	Sterile cell scaffolds	Optical component	2.5D structure Spin coating resin Printing structures
			
Polymer MEMS	Quartz Eiffel Tower	High T component	