

CNSI Microfluidics Lab Tools

PDMS Processing

- Laurell WS-650M Spin Coater
- Thinky ARE-310 Mixer

Surface Treatement

- Novascan Ozone cleaner
- Electro-Technic BD-20AC Corona Treater
- Vapor deposition chamber

Inspection and Testing

- Olympus AX-70 Microscope
- Keyence VHX-5000 Microscope
- Cascade REL 4800 probe station

Milling and Drilling

- Flashcut / Sherline CNC Mill/Drill
- Haas Minimill

Laser Processing & 3D Printing

- Trotec Speedy 100 Laser Cutter
- Objet 30 Pro 3D Printer
- Miyachi Unitek Laser Welder

Assembly Tools

- Bond Alignment Tool
- Schmidt Hole Punch

Thermal Processing

- Neytech Qex Wafer Bonding Furnace
- Hot Press
- ?? Oven
- ?? Oven
- ?? Vacuum Oven

Miscellaneous

- New Era Syringe Pumps
- USB Endoscope software
- Graphtec CE5000 Sign Cutter
- Infinitube microscopes

Hot Plates

From:

<https://microfluidics.cnsi.ucsb.edu/wiki/> - **Innovation Workshop Wiki**

Permanent link:

<https://microfluidics.cnsi.ucsb.edu/wiki/doku.php?id=tools>

Last update: **2015/10/20 04:05**

