

# Chemspeed Automated Chemistry Platform

| Chemspeed  |                      |
|--|----------------------|
| <b>Tool Type:</b> Robotic Polymer Synthesis Platform   |                      |
| <b>Location:</b> Elings Hall 2411                      |                      |
| Supervisor   | Tool Lead            |
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| <b>Description:</b> Robotic Polymer Synthesis Platform |                      |
| <b>Manufacturer:</b> Chemspeed Technologies            |                      |

## About

The Robotic Polymer Synthesis Platform integrates robotic handling with an automated powder and liquid handler/dispenser and high-throughput characterization, enabling the characterization of monomers, polymers, and material properties on the same timescale with which they can be made, overcoming traditional challenges to high-throughput materials discovery. Additional features include temperature-controlled mixing stations with small scale reaction plates, photochemistry capability, and the option to conduct reactions under superheated conditions and pressure.

## Detailed Specifications

From:  
<https://bpm-wiki.cnsi.ucsb.edu/> - NSF BioPACIFIC MIP Wiki

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[https://bpm-wiki.cnsi.ucsb.edu/doku.php?id=chemspeed\\_automated\\_chemistry\\_platform&rev=1728516881](https://bpm-wiki.cnsi.ucsb.edu/doku.php?id=chemspeed_automated_chemistry_platform&rev=1728516881)

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