Chemspeed Automated Chemistry Platform

Chemspeed
Tool Type: Robotic Polymer Synthesis Platform
Manufacturer: Chemspeed Technologies
Location: Elings Hall 2411

Principal Scientist
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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