

# Laurell WS-650M Spin Coater

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**Tool Type:** Spin Coater  
**Location:** Elings 3430

Supervisor	Tool Lead
David Bothman	“WW Name”
(805) 893-4125	(###) ###-####
bothman@cnsi.ucsb.edu	“WW Email”

**Description:** Spin coater for applying thin coatings of PDMS and other resins  
**Manufacturer:** Laurell

## About

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## Detailed Specifications

Insert Text Here!

## Safety Concerns

Insert Text Here!

## Operating Procedures

**Training required for independent operation**

- 1) Reserve this tool through FBS under "PDMS Tools"
  - 2) When you arrive, ensure that CDA and vacuum are functional and that the spin-coater bowl is lined with paper towels.
  - 3) Program or select your desired recipe (Steps, Spin Speed, Acceleration, Spin Time) and an appropriate chuck adapter, if needed.
  - 4) Place your substrate, centered, on the chuck and then press the 'Vacuum' button.
  - 5) Dispense your resin onto your substrate, try to use as little as necessary for a uniform coating.
  - 6) Close the lid, then run your recipe.
  - 7) When the recipe is complete, open the lid, turn off the vacuum by pressing the 'Vacuum' button again, and retrieve your coated substrate.
  - 8) Repeat for as many samples as required.
  - 9) When finished, if paper towel liners are very dirty, please replace them. Thank you!
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## Reference Documentation

[Operation Manual Spin 3000](#)

[Installation Instructions](#)

[Operation Manual WS 650](#)

[laurel\\_ws-650m\\_programming\\_handout.pdf](#)

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## Training Documentation

[laurel\\_spin\\_coater\\_sop\\_r1.pdf](#)

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