

Laurell WS-650M Spin Coater

Laurell WS-650M Spin Coater



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

Insert Text Here!

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!

Reference Documentation

[Operation Manual Spin 3000](#)

[Installation Instructions](#)

[Operation Manual WS 650](#)

[laurel_ws-650m_programming_handout.pdf](#)

Training Documentation

[laurel_spin_coater_sop_r1.pdf](#)

From:

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

Permanent link:

https://microfluidics.cnsi.ucsb.edu/wiki/doku.php?id=spin_coater&rev=1656011782



Last update: **2022/06/23 19:16**