

Standard Operating Procedure(SOP)

Spin Coater

Located in Bossone 533, in the wet lab

First Time Use

1. Read Drexel University Laboratory Safety Manual
2. Complete initiation training protocol from senior laboratory personnel

Safety Equipment

1. Disposable Gloves

Proper Use of Spin Coater

1. Put on safety equipment as outline above.
2. Turn ON vacuum system located on the side of the fume hood by turning it counterclockwise.
3. Turn ON spin coater by pressing the button located in the rear of the machine.
4. Find an empty recipe and add your recipe to it. You can browse different recipes by pressing the up and down buttons by navigating to the step function and viewing the first couple of steps to make sure it is empty. Do NOT change recipes without consulting the senior laboratory personnel.
5. Place sample inside the spin coater on the spin coater chuck.
6. Make sure the lid is closed, then press the menu button to navigate to the time counting screen.
7. Press the start button and wait for the spin coater to come to a complete stop and finish homing before opening the sample.
8. Shut the spin coater and the vacuum system OFF.

NOTE: Never open the lid of the spin coater while it is spinning. Liquids in high rotation fly to you or other equipment in the fume hood

Emergency Contacts: Public Safety: x2222	Dr. Adam Fontecchio University Crossings 155 215-895-2047	Wayne Hill Director of Lab Services Commonwealth 219 215-895-4952 215-895-4846
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Senior Personnel: Ben Pelleg, Bossone 404, 215-895-2909
Alyssa Bellingham, Bossone 404, 267-844-3536
Jamie Kennedy, Bossone 404, 215-895-2909

This document is available online at <http://drexelnanophotonics.com/sop/>