

Standard Operating Procedure(SOP)

Balloon Press

Located in Bossone 533

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 Spacer Box

1. Put on safety equipment as outline above.
2. Make sure that the compressed air valves are "ON".
3. Set regulator to desired pressure.
4. Open balloon press and insert samples to be pressed.
5. Cover samples with Kimwipe, to prevent contamination of press.
6. Close lid of press, insert and tighten screws.
7. Open air valve by rotating it 180°, you will hear the balloon fill with air.
8. When done pressing, re-rotate value by 180° to vent air, you will hear it release the pressure.
9. Unscrew the lid and remove samples.
10. Close lid when done.

NOTE: Never open the air valve when lid is not screwed shut. The balloon will expand to a large size and can cause serious injury.

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
----------------------------------------------------	------------------------------------------------------------------------	--------------------------------------------------------------------------------------------

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/>