Standard Operating Procedure (SOP)

Balloon Press

Located in Lebow 334, the yellow room.

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 outlined 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, and 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 valve 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 air valve when lid is not screwed shut. The balloon will expand to a large size and can cause serious injury.

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<tr>
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<tbody>
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This document is available online at [http://www.ece.drexel.edu/photonics/Facilities.html](http://www.ece.drexel.edu/photonics/Facilities.html) or by clicking the Laser Safety icon on any laboratory computer desktop.