



Chemical Deposition Lab
N-124A
First Floor

N-124A
[Small white sign with illegible text]

**Chemical Deposition
Interior Room N-125B**

Entrance -
Non-chemical supplies cabinet: Storage for new glassware, precursor weighing
expendables, deposition syringes and filters, and sample holders.



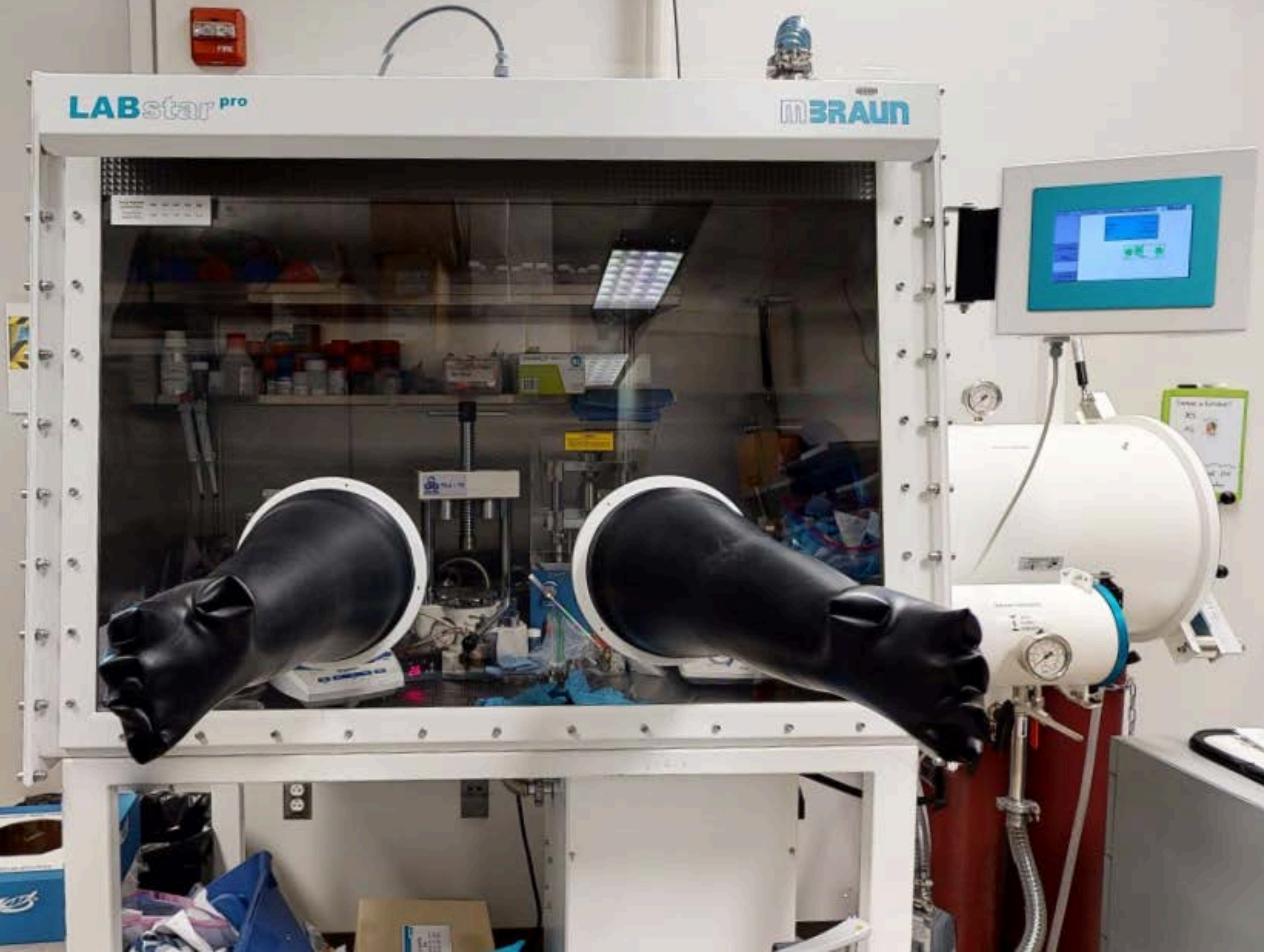
Dry Boxes -

These store sensitive precursor and solutions for chemical solution deposition. Cabinet drawers to the left house pH litmus test strips, labels, office supplies, and writing utensils.



Inert Atmosphere Glove Box -

This glove box is used for materials that are highly reactive in standard atmospheric conditions such as with pure sodium.





Fume Hood / Chemical Storage / Waste -

Fume hood is used primarily for mixing chemicals on a heated magnetic stir plate. The lower section of the fume hood stores open chemical containers and waste containers.



Hallway / Glassware Cleaning / Drying Oven -

Glassware is cleaned using a liquid detergent and deionized water, followed by insertion into a drying oven set to 110 degrees Celsius. Glassware may be cleaned further, depending on the application.

Fume Hood and Acids Cabinet -

In this fume hood, precursors are weighed and powders are crushed for ceramics preparation. In the bottom cabinets, acids and unopened precursors are stored in separate compartments.





Primaxx Mist Deposition Tool

Nitrogen Glove Box -

Used in preparation, weighing, and mixing of air- and humidity-sensitive materials. Box is filled with Nitrogen.



Interior Room N-125B

Fume Hood -

Used in preparation, mixing and refluxing of chemical solutions.



Interior Room N-125B

Work Bench -

Used to perform procedures that do not contain hazardous or volatile materials.

