



Double-station glove box for electrolyte preparation, cell assembly and analysis. Operated under ultra high argon atmosphere.



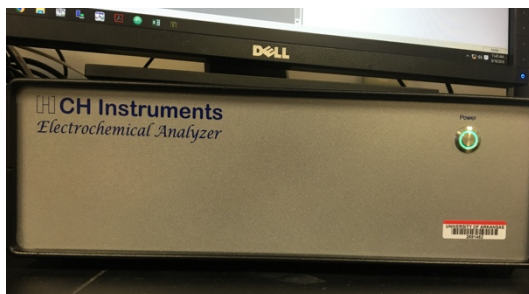
Battery tester (176 channels) with different current/voltage resolution and range



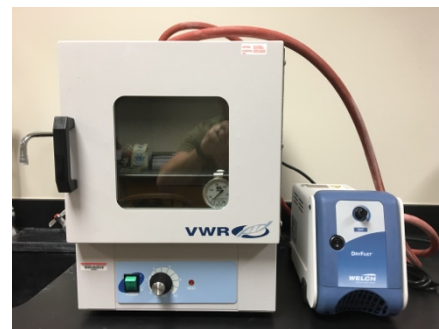
Temperature chamber for testing cells at different temperatures



Centrifuge mixer for mixing materials and slurries.



Potentiostat for electrochemical testing and analysis



Vacuum oven for drying materials/electrodes under vacuum condition



Metler-Toledo Electrical Conductivity Instrument for measuring the ionic conductivity of electrolytes



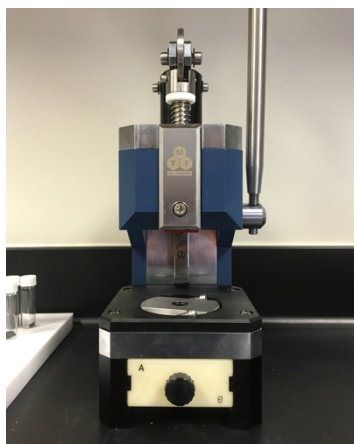
Tube furnace for materials synthesis



Hand press to flatten metals and electrodes.



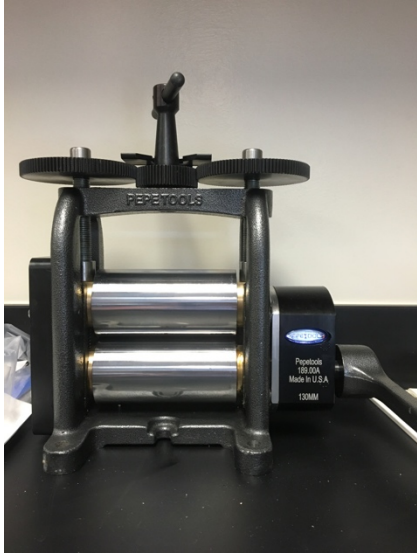
Film coater for slurry coating and substrate treatment



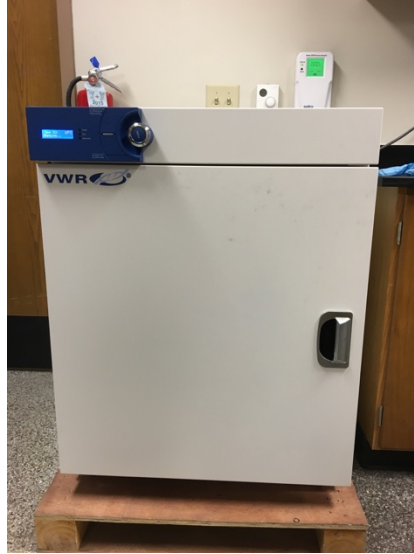
Punch press to punch electrodes in different sizes for testing



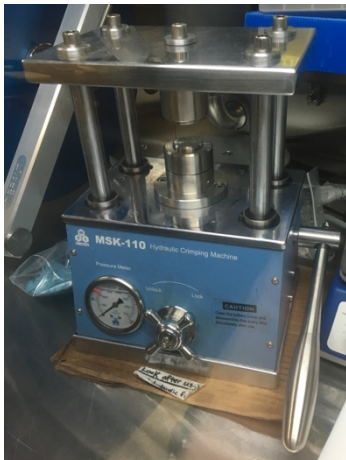
Amscope darkfield polarizing microscope (up to 2000X magnification) for probing electrode surface



Single pass rolling mill to calendar electrodes



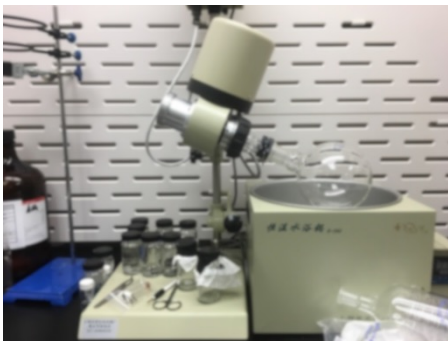
Convection oven used for drying glassware etc



Hydraulic crimper for crimping coin cells



Box furnace for high temperature calcination of materials in air.



Rotary evaporator for removing solvents and electrolyte synthesis



Planetary milling for materials mixing and synthesis