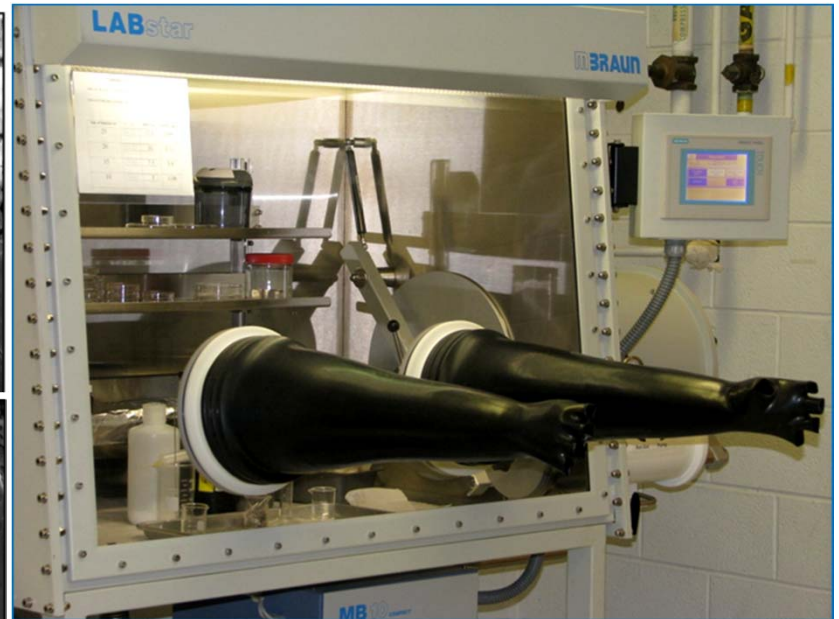
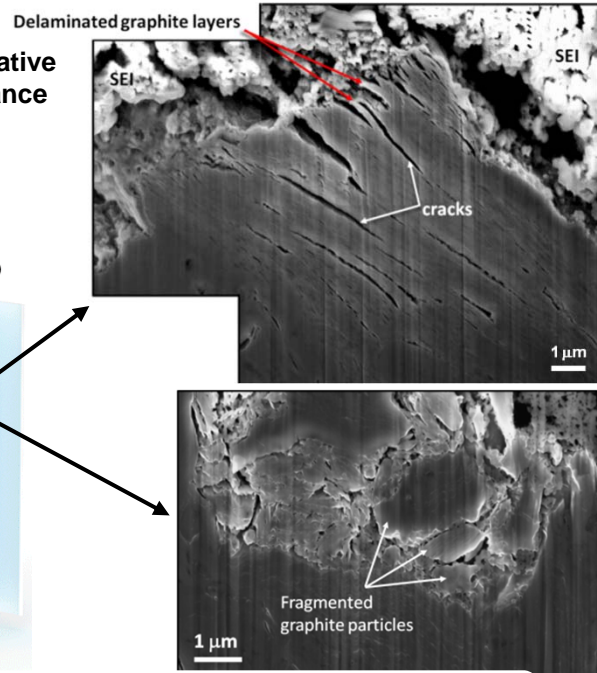
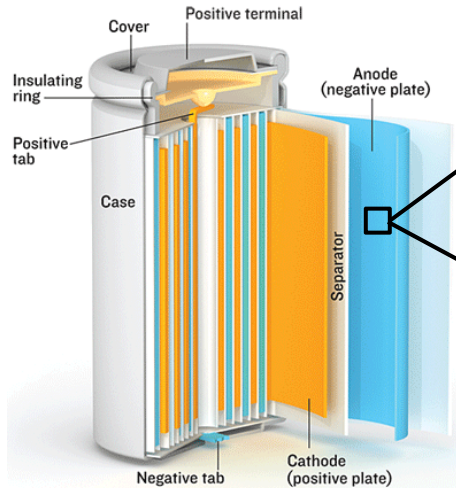


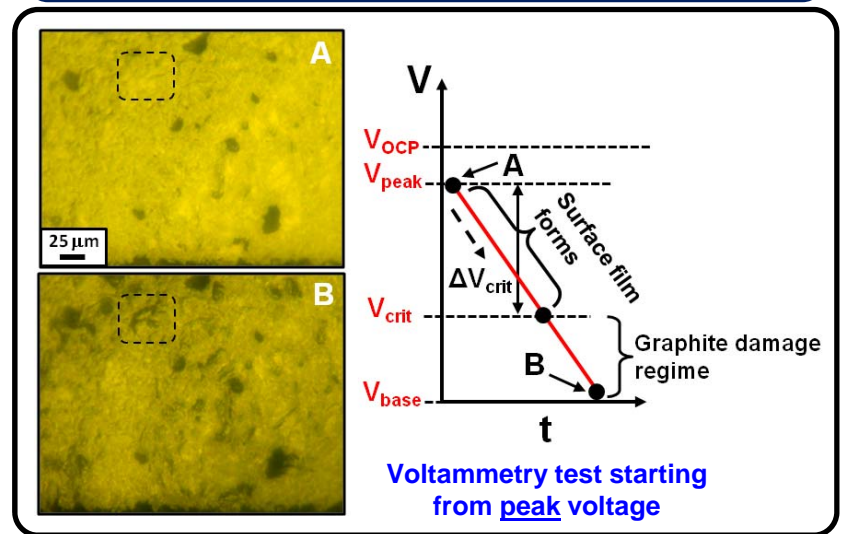
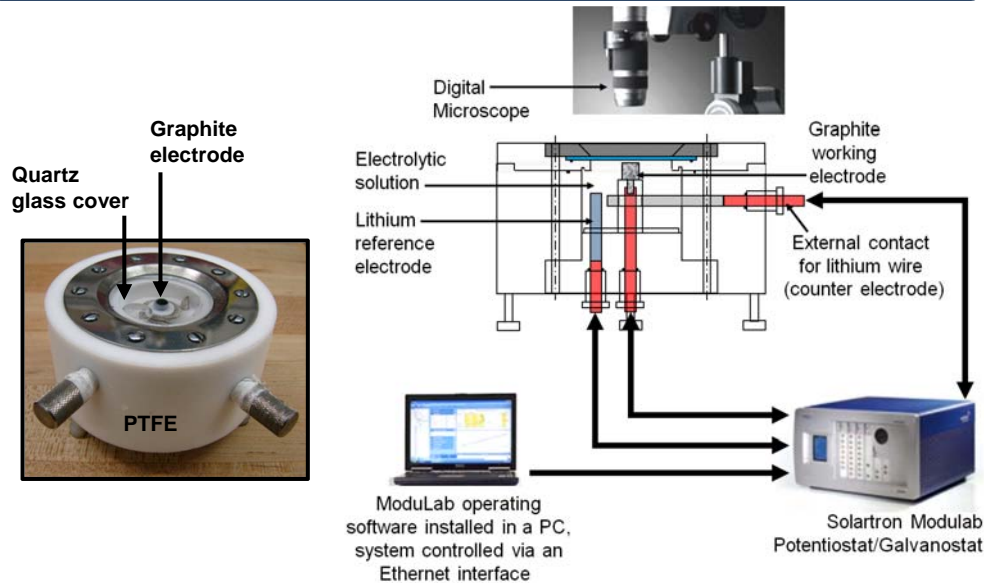
Graphite Electrode Degradation Mechanisms in Lithium-ion Batteries

Understanding lithium intercalation processes that occur in graphite negative electrodes is of considerable importance for enhancing the performance of rechargeable lithium-ion batteries



In-situ observation of graphite degradation

Graphite surface was protected from damage by a surface film, SEI when the applied voltage reached a critical value that caused removal of graphite particles



Voltammetry test starting from peak voltage