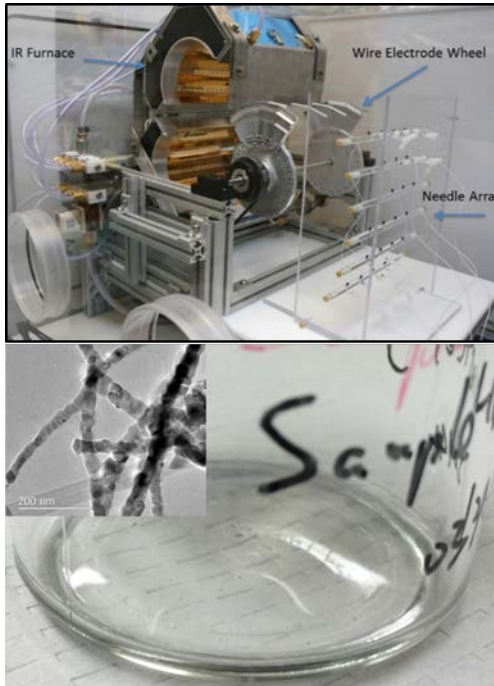
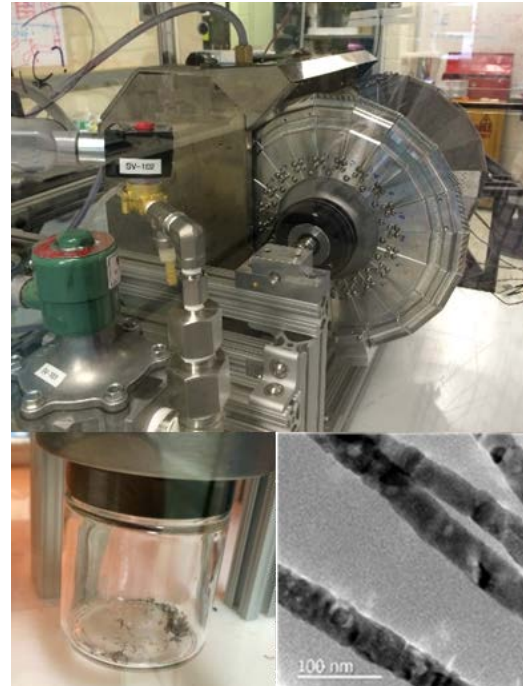


Integrated Electrospinning - IR heating and Pneumatic Collection System (EIPC)

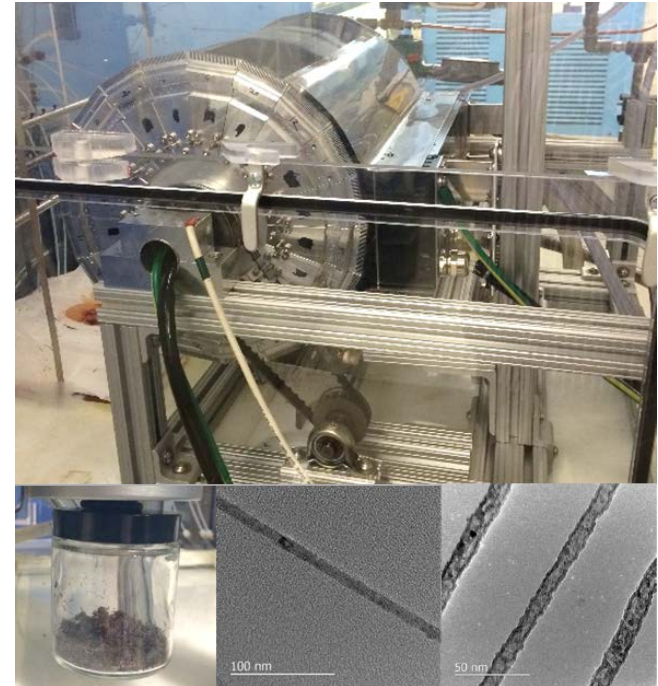
First fully automated, scalable system to continuously produce high quality discrete oxide/metal(after post-treatment) nanofibers/nanotubes



1st Generation-
Proof of concept
10KW
0.001 mg/h



2nd Generation-
Performance improvement
6KW
0.1mg/h



3rd (Current) Generation-
Performance Optimization
1.1kW

- 10-20 mg/h, can be tripled in current setting, and 100-1000x higher with similarly sized new design
- Choose between nanofibers and nanotubes

U.S Patent Pending

