

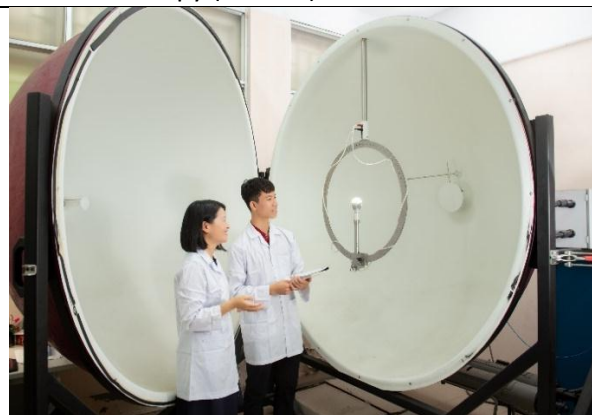
List of Facilities



High-resolution transmission electron microscopy (HRTEM) **FEI Tecnai G2 F20**



Scanning Electron Microscopy (SEM) **JEOL JSM-7600F**



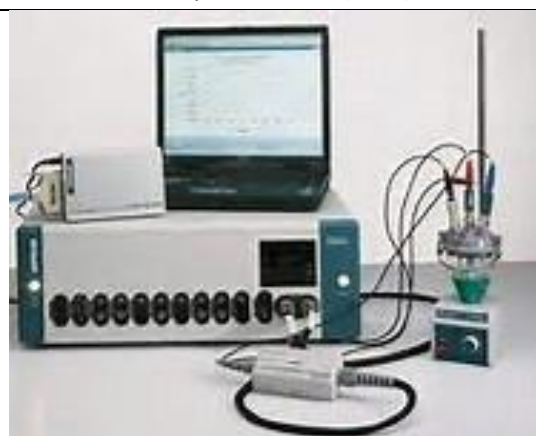
Integral Sphere



X-ray diffraction (**XRD**)



High performance liquid chromatography system (HPLC) **Agilent 1100**



Electrochemical system **PGSTAT 302N**



Bioreactor



X-ray Photoemission Spectroscopy (XPS)



Rf Sputtering



Oxygen Plasma



4 - Point Probe System



Ellipsometry System



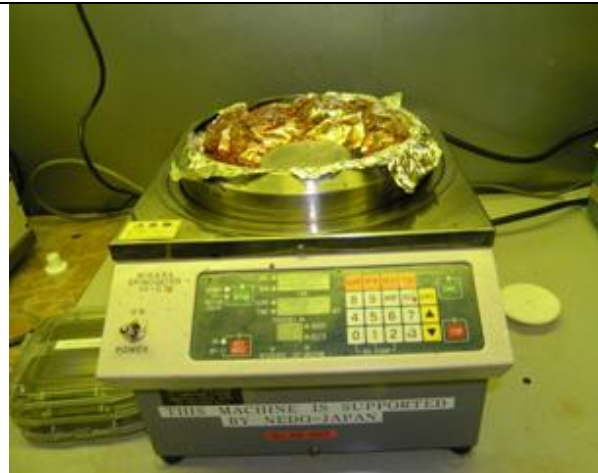
Oxidation Furnace



3_Stack_Furnace



Alpha - Step Unit



Spinner Unit



Double Side Align System PEM-800



Wet Bench System



DI water System



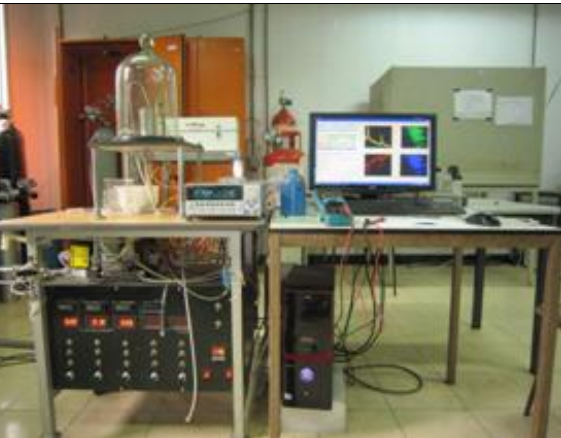
One zone chemical vapor deposition



Three zone chemical vapor deposition



Electrospinning system



Gas sensing measurement system



Vibrating Sample Magnetometer



Universal mechanical properties testing 100KN



Impact strength testing



Scanning electron microscopy



Internal mixer



Rheometer for rubber	Universal mechanical properties testing 5000N
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Other equipments

- E-beam Evaporator
- Thermal Evaporator
- Potentionstat
- Electrostatic Spray Deposition
- High temperature furnace
- Quartz Crystal Microbalance
- Keithley picometer / Voltage source
- Atomic Force Microscopy
- X-ray Photoemission Spectroscopy
- Environmental Scanning Electron Microscope
- Micro Raman spectroscopy
- Atomic Absorption Spectroscopy
- UV-Vis spectroscopy
- Fluorescence spectroscopy
- HP Impedance Analyzer
- Digital Ultrasonic Machine
- Industrial X-ray Machine
- IR Temperature Measurement
- Static and Dynamic Magnetic Hysteresis Loop Measurement