

Polymer lab wish list

- NMR (Nuclear Magnetic Resonance Spectrometer)
- FTIR (Fourier Transform Infrared Spectrophotometer) with microscope
- ESCA (Electron Spectroscopy for Chemical Analysis)
- Spectrofluorometer
- Raman Spectrophotometer
- EPR (Electron Paramagnetic Resonance Spectrometer)
- TGA (Thermogravimetric Analyzer)
- X-ray Diffractometer
- Low Angle Laser Light Scattering Photometer
- AFM/STM (Atomic Force & Scanning Tunneling Microscope)
- Microscopes
- Fluorescence Microscope

Fuel Cell wish list

- Hydrogen Supply Module
- Air Supply Module
- Fuel and Coolant Control Module
- Power Control Module
- Data Acquisition System
- Mainframe/Panel
- Safety Consideration: hardware/software interlock
- Fuel Cell Education Demonstrator (Asia Pacific Fuel Cell Technologies, Ltd.)
- Component parts and supplies

Chemistry lab wish list

Equipment

- Gas chromatograph (FID and TCD) – Focus GC (X2)
- GC/MS single quadrupole – TraceDSQ with three detectors
- LC/MS single quadrupole – MSQ Plus
- FT-Raman/FT-Raman Microstage – Nicolet 6700 Optical Spectrometer/NXR FT-RAMAN MODULE/FT-RAMAN MICROSTAGE ACCESSORY
- Combustion CHNS/O Analyzer – Thermo (carlo Erba) Model Flash EA1112
- Atomic Absorbtion (AA) – M6 Atomic Absorbtion (AA)
- UV/Vis spectrophotometer – Evolution 300