

## **Chemistry Facilities Instrumentation**

### Nuclear Magnetic Resonance (NMR)

Varian 400MHz 2-Channel NMR Spectrometer (SGM 142)  
Varian Mercury 400MHz 2-Channel NMR Spectrometer (LJS 156)  
Varian 500MHz 2-Channel NMR Spectrometer (LJS 156)  
Varian 600MHz 3-Channel NMR Spectrometer (LJS158)

### X-Ray Crystallography

Rigaku Synergy Diffractometer (ACB 100)  
Rigaku Ultima IV (ACB 100)  
Rigaku Miniflex (ACB 100)

### Electron Paramagnetic Resonance (EPR)

Bruker E580 FT/CW EPR (TRF 119)

### Optical and Microscopy

Bruker Vertex 80v FT-IR Spectrometer (OCW 109)  
PerkinElmer Lambda 950 UV-Vis-NIR Spectrophotometer (OCW 109)  
HORIBA NanoLog Spectrofluorimeter (OCW 109)  
HORIBA XploRA microRaman Infrared Microscope (OCW 109)

### Mass and Elemental Composition

Agilent HPLC/Q TOF MS/MS Spectrometer (SGM 306)  
Bruker AutoFlex MALDI (SGM 306)  
Agilent GC/MS (SGM 306)  
Thermo Flash 2000 CHNS Elemental Analyzer (SGM 142)  
Thermo ICP-OES Spectrometer (SGM 142)  
GPC Agilent 1260 Infinity II (SGM 142)

### Polymer Properties

TA Rheometer (SGM 301)  
TA Differential Scanning Calorimeter (SGM 301)  
TA Thermomechanical Analyzer (SGM 301)  
TA Thermogravimetric Analyzer (SGM 301)  
TA Dynamic Mechanical Analyzer (SGM 301)  
Shimadzu Pyrolysis-GCMS (SGM 301)  
Shimadzu GPC (SGM 301)

### Physical Property Measurement System

Quantum Design 14T DynaCool PPMS (SGM 215)