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Research Instrumentation Center (RIC)

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Research Instrumentation Center (RIC)

<https://www.chem.purdue.edu/ric/>

The Research Instrumentation Center is a core facility that manages the shared Purdue Department of Chemistry instrumentation. Most of these 30 instruments are made available to trained users on a walkup basis. RIC also specializes in quantification of trace elements by ICP-MS, with a variety of services performed by expert staff. Instrumentation includes:

- Advion ExpressION CMS Mass Spectrometer
- Agilent Chiral Chromatograph
- Anton Parr Multiwave 7000 Microwave Digester
- Asylum Cypher Atomic Force Microscope
- Bruker Electron Paramagnetic Resonance Spectrometer
- Cary UV-Vis-NIR Spectrometer
- EasyLife Fluorescence Spectrometer
- Edinburgh Instruments Fluorometer
- Fullam Thermal Evaporator
- Gaertner Ellipsometer
- GeneGnome Gel Imager
- Hewlett-Packard 5989 Gas Chromatograph / Mass Spectrometer
- Jasco Circular Dichroism Spectrometer
- Malvern Nano-Z Zetapotential
- Olympus Fluorescence Microscope
- Perkin Elmer Differential Scanning Calorimeter
- Plasma Cleaner
- Rudolph Polarimeter
- Shimadzu Gas Chromatograph
- Shimadzu Gas Chromatograph / Mass Spectrometer
- Spin Coater
- Thermo Element 2 Inductively Coupled Plasma Mass Spectrometer
- Thermo High Performance Liquid Chromatograph
- Thermo Nicolet Nexus Fourier Transform Infrared Spectrometer
- Thermo Nicolet 6700 Fourier Transform Infrared Spectrometer
- Thermo Orbitrap Classic Mass Spectrometer
- Veeco Dimension Atomic Force Microscope
- Veeco Multi-Mode Atomic Force Microscope
- WiTec Atomic Force Microscope / Raman Spectrometer
- Waters Acquity Liquid Chromatograph / Mass Spectrometer