

Equipment List

Light Microscopy

Olympus BHSP (BH-2) Polarized Light Microscope
AusJena Jenapol Polarized Light Microscope
Zeiss Axioplan Universal Microscope
Nikon Alpha-Phot-2 Phase Contrast Microscope
Wild M-20 Reflected Light Brightfield/Darkfield Microscope
Zeiss Stemi 2000-C Zoom Stereo Microscope
Assorted Stereo Microscopes

Scanning Electron Microscopy

JEOL JSM-6490LV Scanning Electron Microscope
JEOL JSM-6500F Field Emission Scanning Electron Microscope

Transmission Electron Microscopy

Phillips CM120 Transmission Electron Microscope
Phillips EM420 Transmission Electron Microscope
Phillips CM200UT Transmission Electron Microscope

Micro-Fourier Transform Infrared Spectroscopy

SensIR IlluminatIR Infrared Microspectrometer

Confocal Laser Raman Microscopy

WITec alpha300R Confocal Raman Microscope
Renishaw inVia Confocal Raman Microscope

Scanning White Light Interference Microscopy

Veeco-WYKO 910ONT Scanning White Light Interference Microscope

Energy Dispersive X-ray Spectrometry

**Thermo Scientific Noran System 7 (Attached to JEOL JSM-6490LV SEM)
**Thermo Scientific Noran System 7 (Attached to JEOL JSM-6500F SEM)
Thermo Scientific Noran System 7 (Attached to Phillips EM420 TEM)
Oxford Inca (Attached to Phillips CM200UT TEM)
Oxford Inca (Attached to Phillips CM120 TEM)
**Automated digital beam and stage control

Microspectrophotometry

Zeiss MPM-400 microspectrophotometer

Fluorescence Microscopy

Zeiss Axioplan Universal Microscope

Ion Milling and Ultramicrotomy

Reichert Ultracut E
JEOL SM-09010 Cross Section Polisher