

Fourier Transform Infrared Spectrometer: Thermo Fisher Nicolet i50s

Use: Spectral analysis of molecular structure

Materials: Polymers, small molecules

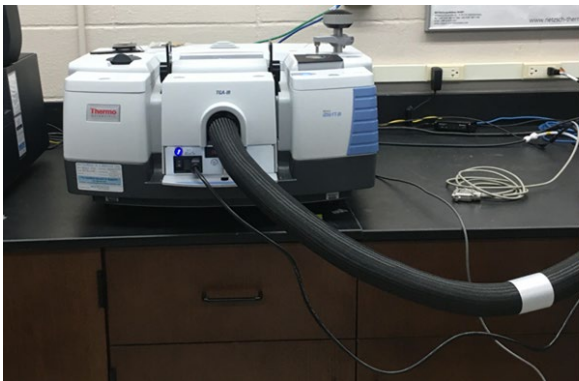
Gels, liquids, gases (from decomposition), thin films

Specifications: Built-in attenuated total reflection (ATR) module

Open center compartment for added modules, such as:

Variable angle ATR, Pearl liquid accessory, FTIR-TGA experiments

Spectral Library for structural analysis



FTIR-TGA Transfer Line

To TGA



VeeMaxIII Variable Angle FTIR

ERDC-GSL-CMB Polymer Team



Pearl Liquid Analyzer