

Bruker VERTEX 70-LS

Fourier Transform Infrared Microscope

1) Operator Safety:

- a. Take care when loading/unloading samples based on the type of sample holder. Heating for example.
- b. Follow University guidelines for Liquid Nitrogen (review Cryogen SOP under Safety Highlights) use including wearing required PPE.
- c. Report safety concerns to the NCF staff through e-mail or by calling 3-8001.

2) Avoiding Machine Damage:

- a. Follow procedures carefully.
- b. Careful not to damage/contaminate optics when using microscope.
- c. Use care when loading and unloading samples from holders to avoid damage.
- d. Report any system contamination to the NCF staff.

3) Potential System Hazards:

- a. Pinch Points
- b. Infrared Light.
- c. AC Voltage.
- d. Internal Laser.
- e. Liquid Nitrogen.

For Emergency Assistance call 412-624-2121. (Internal 4-2121)