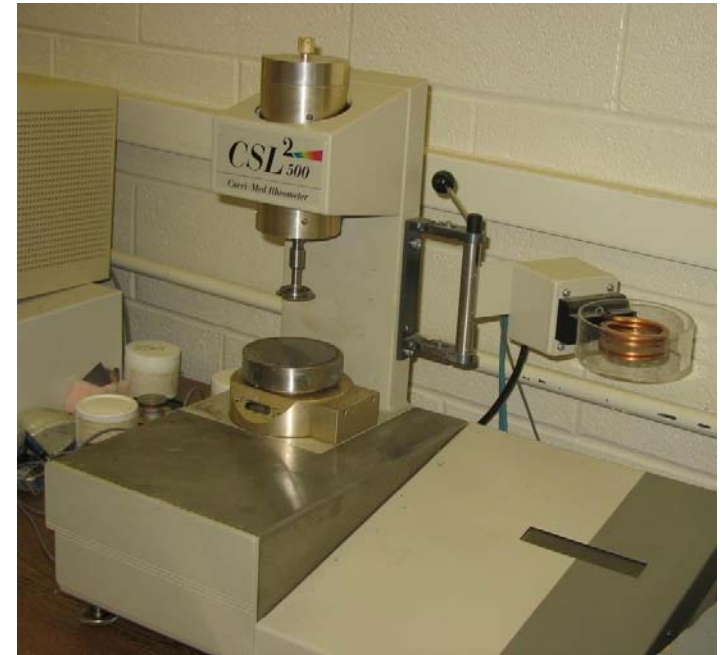


# Rheometer/Viscometer

## DESCRIPTION:

- Enables analysis of visco-elastic materials such as solder paste, epoxy underfills, and conductive adhesives
- Measured parameters: Viscosity, Complex Viscosity, Kinematic Viscosity, Storage Modulus, Loss Modulus, and Compliance
- Operational modes: oscillation, creep, and flow
- Automatic gap setting with 0.01  $\mu\text{m}$  resolution
- Temperature range
  - Standard (Peltier): -5 to 99  $^{\circ}\text{C}$
  - Extended (induction heating): -100 to 400  $^{\circ}\text{C}$
- Maximum torque: 0.05 Nm (500 K dyne cm)



**LOCATION: PROCESS DESIGN AND ANALYSIS LABORATORY, ROOM B7**

[CONTACT US](#)

# CONTACTS

For more information or to arrange for the use of this equipment, contact any of the IEEC staff members listed below:

**Mike DiPietro**  
**(607) 777-4345**

[dipietro@binghamton.edu](mailto:dipietro@binghamton.edu)

**Bill Infantolino**  
**(607) 777-4349**

[binfanto@binghamton.edu](mailto:binfanto@binghamton.edu)

**Kevin Spanfelner**  
**(607) 777-5467**

[spanfeln@binghamton.edu](mailto:spanfeln@binghamton.edu)