Thermal Interface Material Tester Experiments

1. Thermal Conductivity of materials given varying Pressure
   1. The material will be subject to varying pressures that can be repeated over several cycles to determine if there is a change in Thermal Conductivity given repeated usage of the material.
2. Thermal Conductivity of materials given static Pressure over Time
   1. Static pressure will be applied to the material where the Thermal Conductivity can be measured over time.
3. Compression Test
   1. Determines a materials behavior under applied loads. Can be used to find yield strength and other material properties.