

## Mechanical Equivalent of Heat

### Apparatus:

1. Pasco Model TD-8551A  
Mechanical Equivalent of Heat  
Apparatus
2. 5 kg mass and hanger
3. Pasco 850 Universal Interface  
Data Acquisition System
4. Pasco Model CI-6527A  
Thermistor Temperature Sensor

### Comments:

1. Keep 5 kg mass as close to floor as possible.
2. Use six (6) full turns of the nylon cord around the aluminum drum to raise mass. Occasionally, 5 turns will be sufficient, but it will be self adjusting. So, start with 6 turns.

### Setup:

