

## IPC-003 TIME CONSTANT OF THERMOMETER



### **RANGE OF EXPERIMENTS TO BE CARRIED OUT:**

1. To Determine the time const of given thermometer

### **TECHNICAL DESCRIPTION :**

Here two Different types of Thermometers are selected & used to measure the temperature.. The output signal from signal conditioning card is fed to next Microcontroller based Digital readout & its related circuit will be selected & actual measured temperature will be shown on Digital Read Out. An electric kettle is also provided for water bath.and also mercury glass thermometer.

### **DIMENSIONS AND WEIGHT :**

Size :0.3 m.(L)x 0.3m(W) X 0.3m ( H )

Weight :Approx. 2 Kg

### **SERVICE REQUIRED :**

### **POWER SUPPLY :**

**230V AC Single Phase**