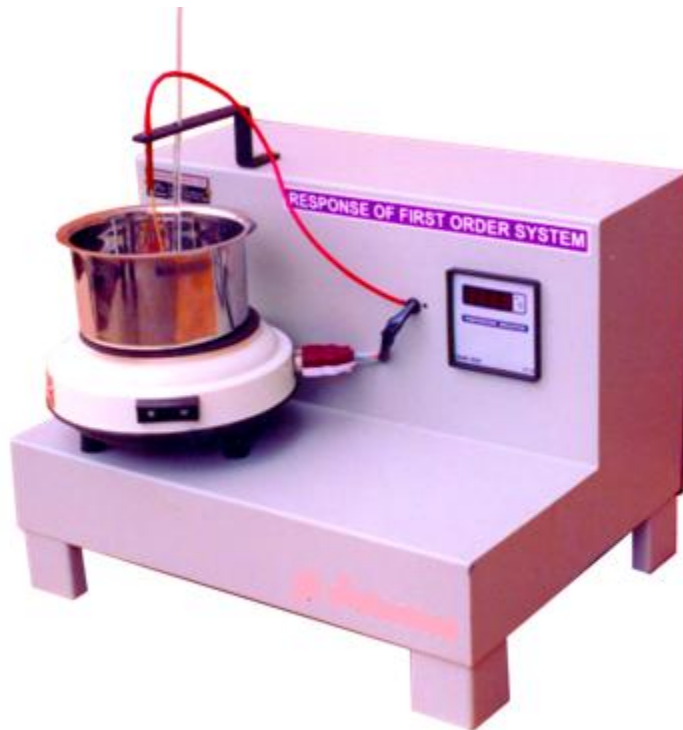


**IPC-020**    **RESPONSE OF THE FIRST ORDER SYSTEM**



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

1. To Study the response of first order system

**TECHNICAL DESCRIPTION :**

Here Thermocouple and 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**