

## SCR Ring Counter



**Product Categories:** [Electronics](#), [Engineering Equipment](#), [Power Electronics Lab](#), [Power Electronics Lab](#)

**Product Page:** <https://www.labappara.com/product/scr-ring-counter/>

### Product Description

#### **SCR Ring Counter**

Stage SCR Ring Counter which can be extended to any number of stages by adding identical circuitry, if required.

This board demonstrates high power load switching in a sequential order.

This set-up can also be used as sequential flash over.

The time delay between each sequence is adjustable.

This training board facilitates students to understand UJT triggering circuit for SCRs and communication circuit for turning them off in sequential operations.

#### **Features: The board consists of the following built in parts:**

20V D.C. Zener Regulated Power Supply for control pulse generator

UJT 2N 2646 in relaxation oscillator configuration which provides triggering pulses to SCRs

Potentiometer for variable time delay

Three SCRs to form three stages of ring counter

Three diodes for providing triggering pulses

Three dual indicating lamps for indication of sequences

UJT 2N 2646 under experiment

Adequate no. of other Electronic Components

Fuse for protection

The unit is operative on 220V D.C. Source

Adequate no. of patch cords stackable 4 mm spring loaded plug length  $\frac{1}{2}$  metre

Good Quality, reliable terminal/sockets are provided at appropriate places on panel for connections/observation of waveforms

Strongly supported by detailed Operating Instructions, giving details of Object, Theory, Design procedures, Report Suggestions and Book References

**Weight:**

4 Kg. (Approx.)

**Dimension:**

W 412 x H 150 x D 310

**Other Apparatus Required:**

220V D.C. at 100mA IC Regulated Power Supply