

## SCR Morgan Chopper



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

**Product Page:** <https://www.labappara.com/product/scr-morgan-chopper/>

### Product Description

#### SCR Morgan Chopper

##### **Features:**

Easy to operate

Compact design

Longer serving life

##### **Technical Specifications:**

Principle: Conversion of a Fixed DC to Variable DC Voltage.

Type of Chopper: Morgan's Chopper.

D. C. Source: 24V DC (Unregulated).

Trigger Circuit: UJT Trigger Circuit with variable trigger frequency to trigger the SCR.

Commutation: Class "B" Type.

Output Voltage: 5V to 20V approximately (variable).

Controls: 1. Mains ON / OFF.

Frequency Control.

## Load Control.

Test Points: Multi colored Test Points are provided at various stages in the circuit to observe the waveforms and voltages.

Indicator: Mains ON / OFF.

Experiments: 1. Study of SCR Trigger Circuit for a Morgan's Chopper.

Observe the output voltage with Motor Load.

Observe the effect of Load Control on Output.