



**Product Code . JL-PET-1439**

## Voltage Commutated Thyristorised Chopper

### Description

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#### Voltage Commutated Thyristorised Chopper

- Power Electronic Training Board has been designed specifically for the study of the step down voltage commutated thyristorised chopper.
- Practical experience on this board carries great educative value for Science and Engineering Students.

#### Object:

- To study the step down voltage commutated thyristorised chopper

#### Features:

#### The board consists of the following built-in parts:

- $\pm 12\text{V D.C.}$  at 100mA IC regulated power supply internally connected
- 5V D.C. at 100mA IC regulated power supply internally connected
- Bridge Rectifier for making D.C. voltage
- UJT as relaxation oscillator
- Op-Amp. IC
- Timer IC
- Hex Inverter Gate IC
- Two SCR's
- Two pulse transformer 1:1:1
- Two NPN transistor
- Two SPST switch
- Push-To-On switch.

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- Freewheeling diode
  - Inductors
  - Bulb 12V, 6W
  - Adequate no. of other Electronic Components
  - Mains ON/OFF switch, Fuse and Jewel light
  - The unit is operative on 230V  $\pm 10\%$  at 50Hz A.C. Mains
  - 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:**

- 3 Kg. (Approx.)

**Dimension:**

- W 340 x H 110 x D 210

**Other Apparatus Required:**

- Dual Trace Cathode Ray Oscilloscope 20MHz (Unearthed)

**Note:**

- Specifications are subject to change

**Other Information:**

**Pay Mode Terms:**

- T/T (Bank Transfer)

**Port of Dispatch:**

- India

**Delivery Time:**

- 4 weeks

**Packaging Details:**

- Corrugated Box

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**Thyristorised Chopper, Power Electronics Trainers Equipment Exporters, Scientific Instrument and Equipment Manufacturer.**

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