

Product Code . SEL-EELE-11101

Universal Motor Speed Control

Description

Universal Motor Speed Control

Full wave controller using triac and demonstrating hysteresis effects improved by gate slaving techniques. Half wave controller high torque at low speed version – skip cycling operation.

Features:-

The board consists of following built-in parts:

- Two capacitors to control firing angle of thyristors.
- DIAC and two Nos. of diodes.
- A Universal motor of 1/12 H.P. or less capacity.
- SCR and TRIAC for the speed control of the universal motor.
- Two potentiometers.
- Snubber circuit in parallel with the triac, which helps in improving the Dv/Dt of the device and also




helps in reducing the RFI.

- Adequate no. of other Electronic Components.
- Mains ON/OFF switch, Fuse and Jewel light.

We are leading manufacturers, suppliers of Universal Motor Speed Control Electronics Engineering Lab Equipments. Contact us to get high quality Universal Motor Speed Control for Electronics Engineering Lab Equipments for schools, colleges, universities, research labs, laboratories and various industries.

```
{ "@context": "https://schema.org/", "@type": "Product", "name": "Universal Motor Speed Control",  
"image": "http://www.schooleducationalinstrument.com/images/catalog/product/330309999Universal  
MotorSpeedControlWithlogo.jpg", "description": "Universal Motor Speed Control Full wave controller  
using triac and demonstrating hysteresis effects improved by gate slaving techniques. Half wave  
controller high torque at low speed version – skip cycling operation. Features:- The board consists of  
following built-in parts: • Two capacitors to control firing angle of thyristors. • DIAC and two Nos. of  
diodes. • A Universal motor of 1/12 H.P. or less capacity. • SCR and TRIAC for the speed control of  
the universal motor. • Two potentiometers. • Snubber circuit in parallel with the triac, which helps in  
improving the Dv/Dt of the device and also helps in reducing the RFI. • Adequate no. of other  
Electronic Components. • Mains ON/OFF switch, Fuse and Jewel light. We are leading  
manufacturers, suppliers of Universal Motor Speed Control Electronics Engineering Lab Equipments.  
Contact us to get high quality Universal Motor Speed Control for Electronics Engineering Lab  
Equipments for schools, colleges, universities, research labs, laboratories and various industries.",  
"brand": "School Lab Instrument", "sku": "5", "gtin8": "5", "gtin13": "5", "gtin14": "5", "mpn": "5",  
"aggregateRating": { "@type": "AggregateRating", "ratingValue": "5", "bestRating": "5", "worstRating":  
"0", "ratingCount": "5" } }
```

School Educational Instruments,
Hargolal Road, Ambala Cantt, Haryana India

Direct Contact Details  +91-8569909696  sales@schooleducationalinstrument.com
 www.schooleducationalinstrument.com